WATER PROPERTY OBSERVATIONS FROM THE NORTH COAST OCEANIC DYNAMICS EXPERIMENT (NCODE): MAY 1983 - DECEMBER 1985 VOLUME 5

by

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1988

CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES NO. 67(5)

Canada

89-00719/

Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

Canadian Data Report of Hydrography and Ocean Sciences No.67(5)

1988

WATER PROPERTY OBSERVATIONS FROM THE NORTH COAST OCEANIC DYNAMICS EXPERIMENT (NCODE): MAY 1983 - DECEMBER 1985

VOLUME 5

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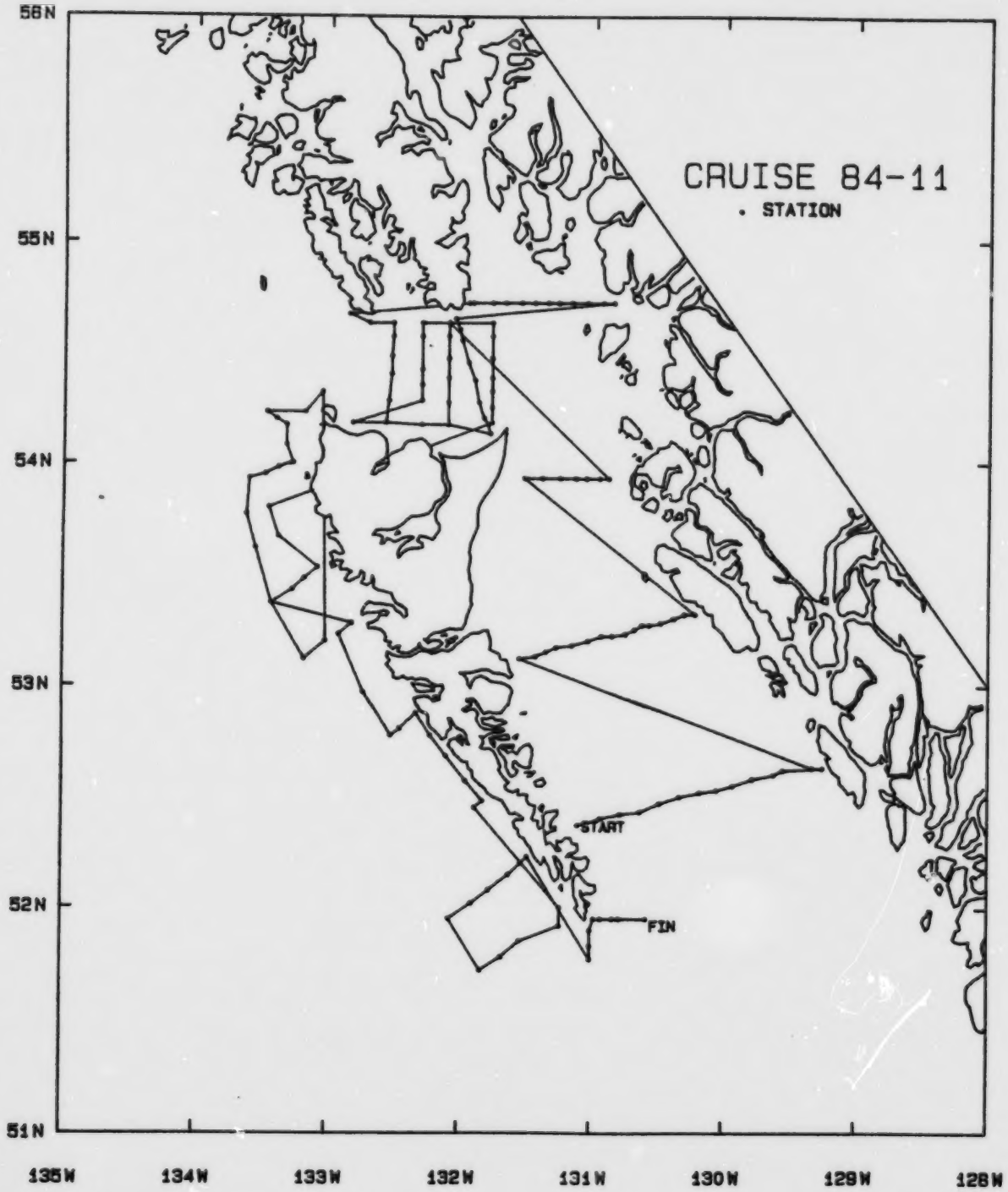
CRUISE 84-11
11-24 APR. 1984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130W
129W
128W

NORTH COAST OCEANIC DYNAMICS EXPERIMENT

Key to information written on Plot pages and Listing pages.

PLOT PAGE

Ref. No. Year-Month-Station Consecutive Number
Latitude (°N) Longitude (°W)
Month Day Time (GMT)*

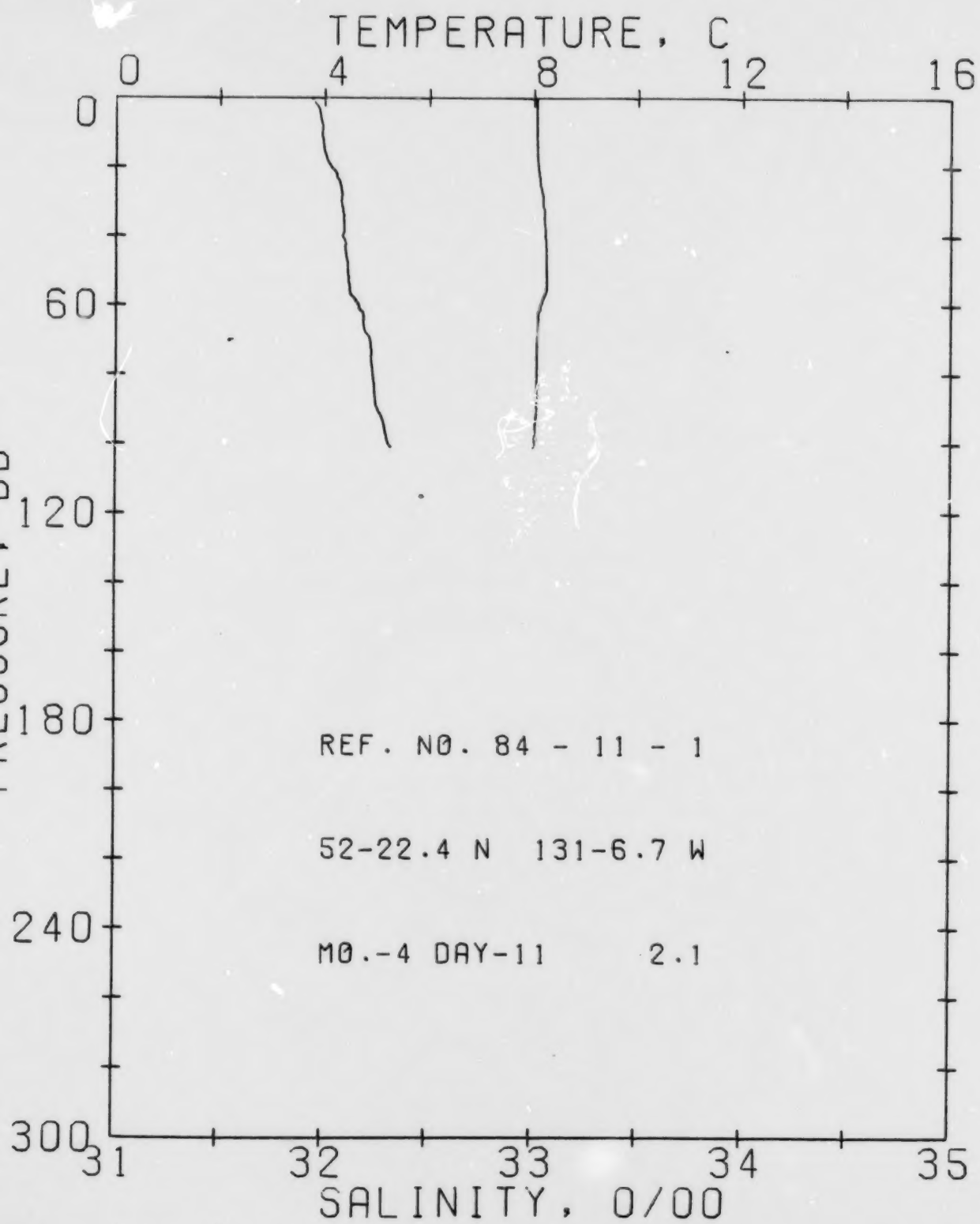
*PST = GMT - 8 hours

LISTING PAGE

Ref. No. Year-Month-Station Reference Number Date (D/Mo/Yr)
Position Latitude (°N) Longitude (°W) GMT (Hours) Station ID
Results of STP Cast ...Number of 1-metre averaged points
taken from digital system... Guildline (CTP) was used...
Pressures (in db) are input

PARAMETERS, SYMBOLS, UNITS

DEPTH: DEPTH in metres
TEMPERATURE: TEMP in degrees Celcius
SALINITY: SAL in grams per kilogram
SIGMA-T: SIG-T (dimensionless)
SPECIFIC VOLUME ANOMALY: SVA in 10Exp(-5)* cm^3/gram
GEOPOTENTIAL ANOMALY: DELTA-D in Joules/Kilogram
POTENTIAL ENERGY: POT. EN. in 10Exp(8) Ergs/cm^2
SPEED OF SOUND: SOUND in metres/second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MO.-4 DAY-11 2.1
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 1 DATE 11/ 4/84
POSITION 52-22.4N, 131- 6.7W GMT 2.1 STATION M 12
RESULTS OF STP CAST 102 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
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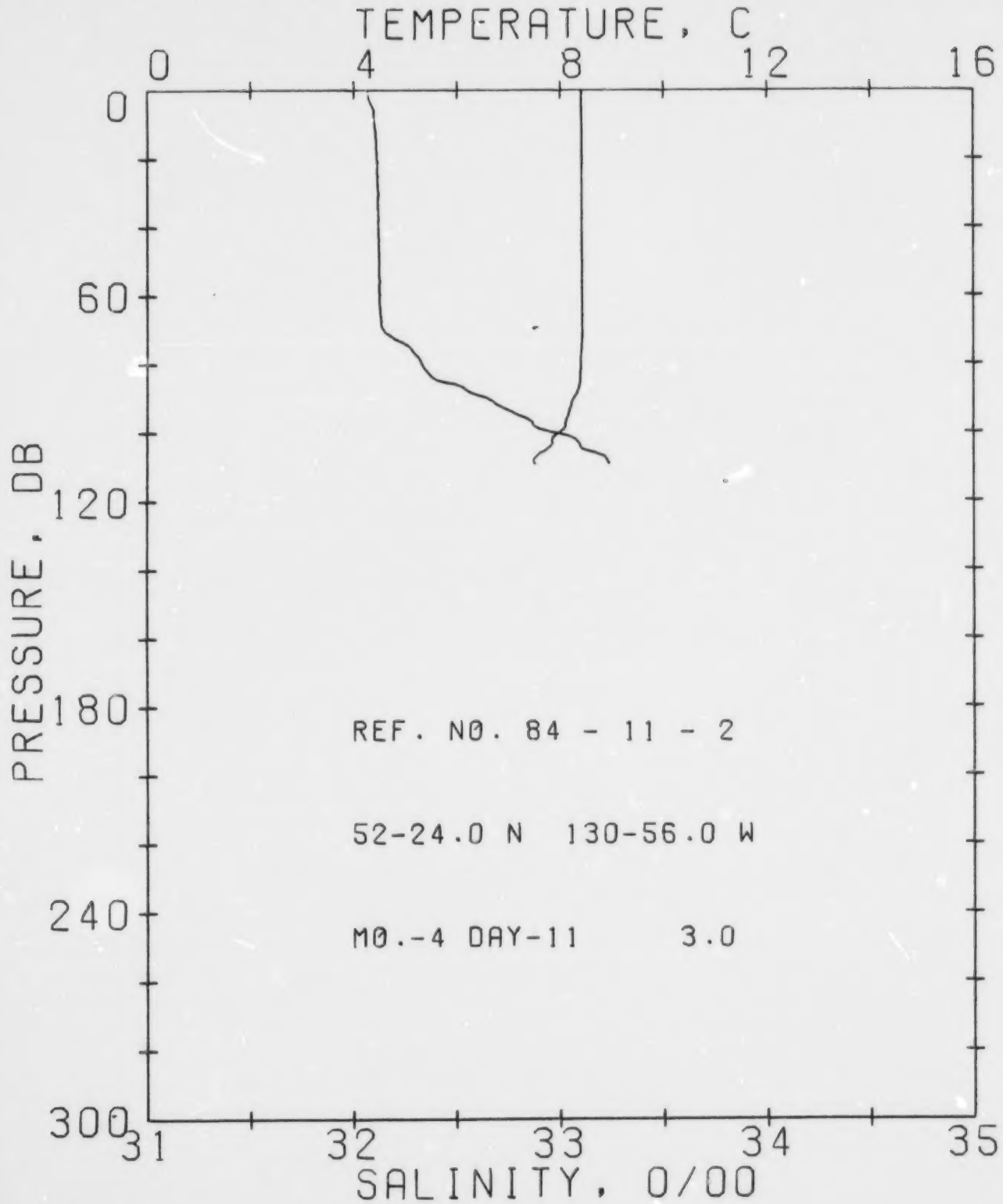
20	8.09	32.03	20	24.96	300.8	.61	.06	1480.
30	8.17	32.08	30	24.98	298.8	.91	.14	1480.
50	8.25	32.11	50	25.00	297.7	1.50	.38	1481.
75	8.08	32.22	75	25.11	287.3	2.23	.85	1481.
100	8.03	32.31	99	25.18	280.8	2.94	1.48	1481.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MO.-4 DAY-11 3.0
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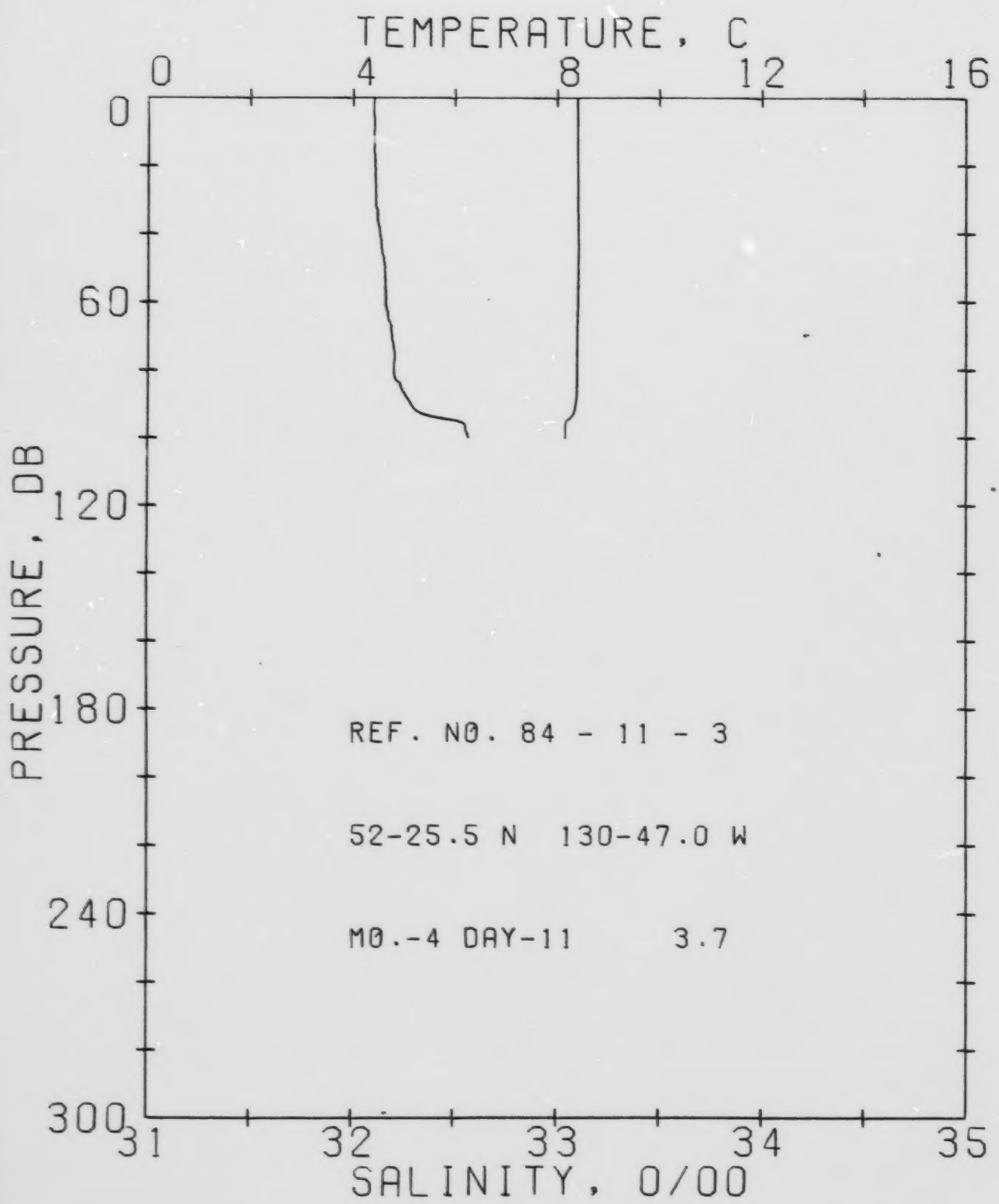
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 2 DATE 11/ 4/84
POSITION 52-24.0N, 130-56.0W GMT 3.0 STATION M 11
RESULTS OF STP CAST 110 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.42	32.07	0	24.94	302.2	.00	.00	1481.
10	8.42	32.10	10	24.96	300.2	.30	.02	1481.
20	8.42	32.11	20	24.97	299.7	.60	.06	1481.
30	8.42	32.12	30	24.98	299.3	.90	.14	1481.
50	8.43	32.12	50	24.98	299.3	1.50	.38	1482.
75	8.43	32.27	75	25.10	288.5	2.24	.86	1482.
100	8.00	32.96	99	25.70	231.7	2.91	1.44	1482.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52-25.5 N 130-47.0 W
MO.-4 DAY-11 3.7
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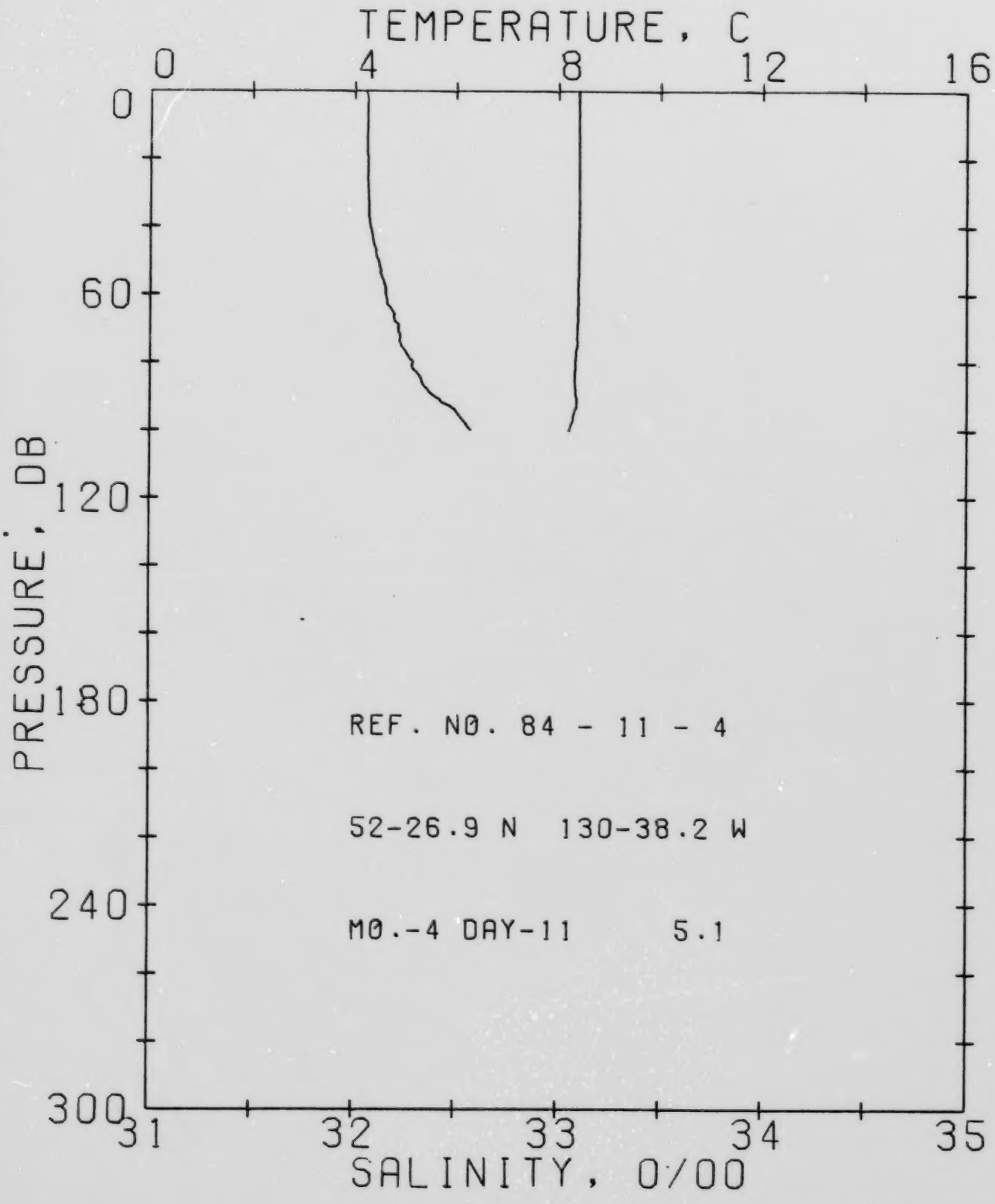
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 3 DATE 11/ 4/84
POSITION 52-25.5N, 130-47.0W GMT 3.7 STATION M 10
RESULTS OF STP CAST 101 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.40	32.11	0	24.97	299.4	.00	.00	1481.
10	8.41	32.10	10	24.97	300.0	.30	.02	1481.
20	8.41	32.11	20	24.97	299.9	.60	.06	1481.
30	8.41	32.11	30	24.97	299.7	.90	.14	1481.
50	8.42	32.16	50	25.01	296.7	1.50	.38	1482.
75	8.40	32.21	75	25.05	293.0	2.23	.85	1482.
100	8.18	32.57	99	25.36	263.5	2.95	1.48	1482.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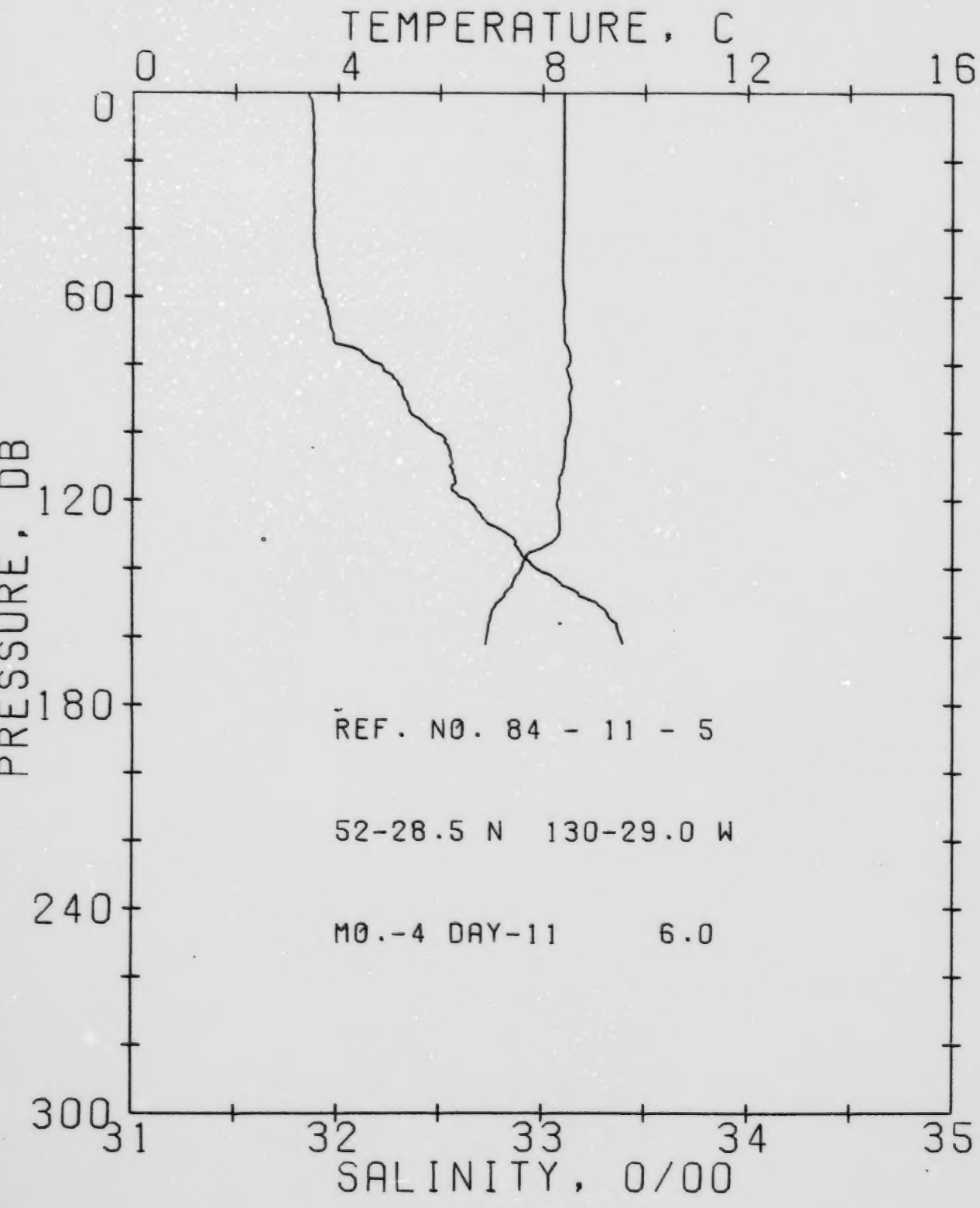
52-26.9 N 130-38.2 W
MO.-4 DAY-11 5.1
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 4 DATE 11/ 4/84
POSITION 52-26.9N, 130-38.2W GMT 5.1 STATION M 9
RESULTS OF STP CAST 101 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.41	32.06	0	24.93	303.1	.00	.00	1481.
10	8.41	32.06	10	24.94	303.0	.30	.02	1481.
20	8.41	32.07	20	24.94	302.8	.61	.06	1481.
30	8.41	32.07	30	24.94	302.9	.91	.14	1481.
50	8.41	32.12	50	24.98	299.3	1.51	.38	1482.
75	8.40	32.23	75	25.07	291.1	2.25	.85	1482.
100	8.24	32.58	99	25.36	263.9	2.95	1.48	1482.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MO.-4 DAY-11 6.0
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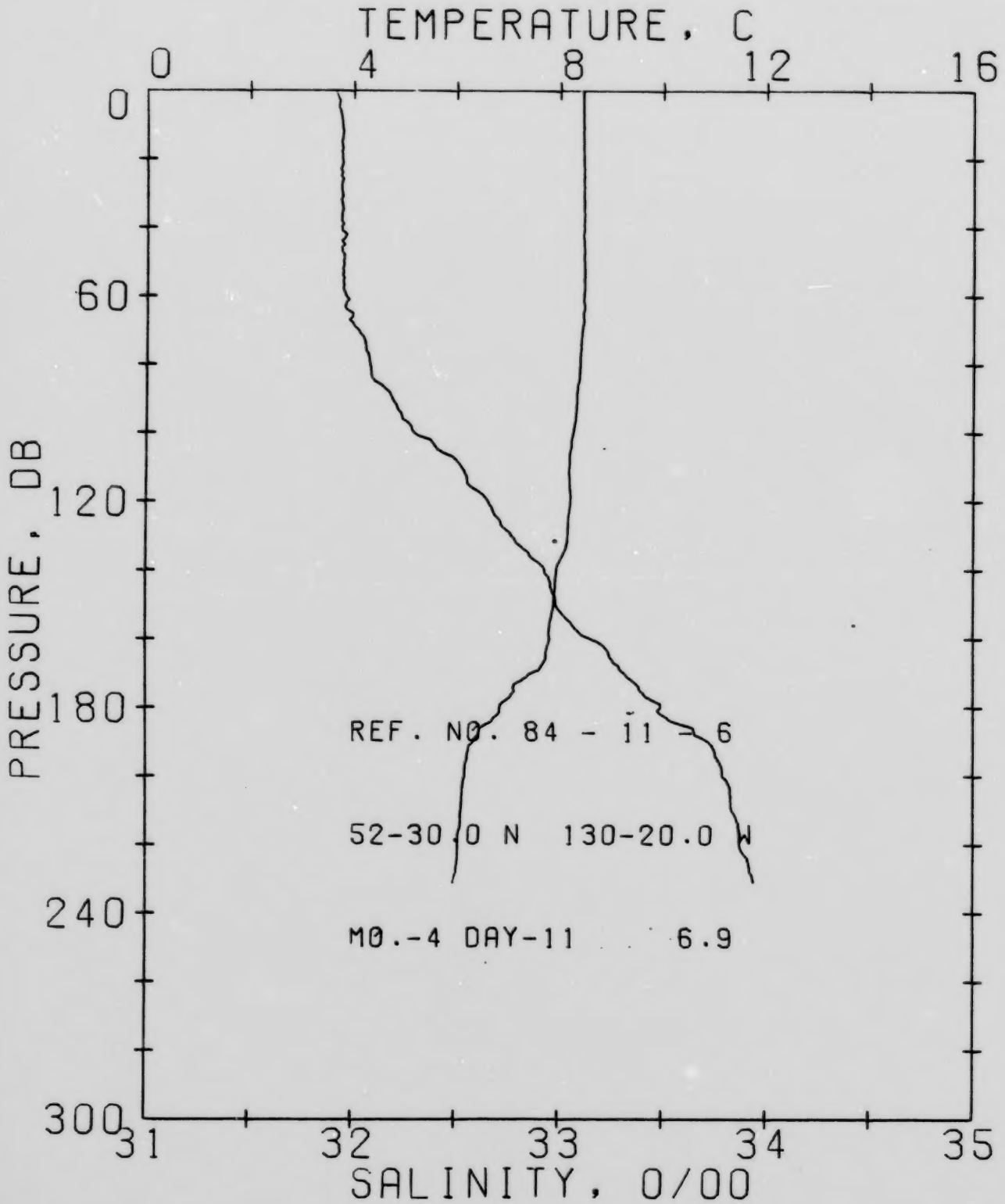
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 5 DATE 11/ 4/84
POSITION 52-28.5N, 130-29.0W GMT 6.0 STATION M 8
RESULTS OF STP CAST 163 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.42	31.86	0	24.78	317.9	.00	.00	1480.
10	8.42	31.88	10	24.79	317.0	.32	.02	1481.
20	8.42	31.88	20	24.79	317.0	.63	.06	1481.
30	8.41	31.88	30	24.79	317.0	.95	.15	1481.
50	8.39	31.90	50	24.81	315.8	1.58	.40	1481.
75	8.50	32.08	75	24.93	304.3	2.37	.90	1482.
100	8.51	32.48	99	25.24	275.0	3.09	1.54	1483.
125	8.34	32.71	124	25.45	255.8	3.75	2.30	1483.
150	7.12	33.27	149	26.06	197.7	4.33	3.11	1480.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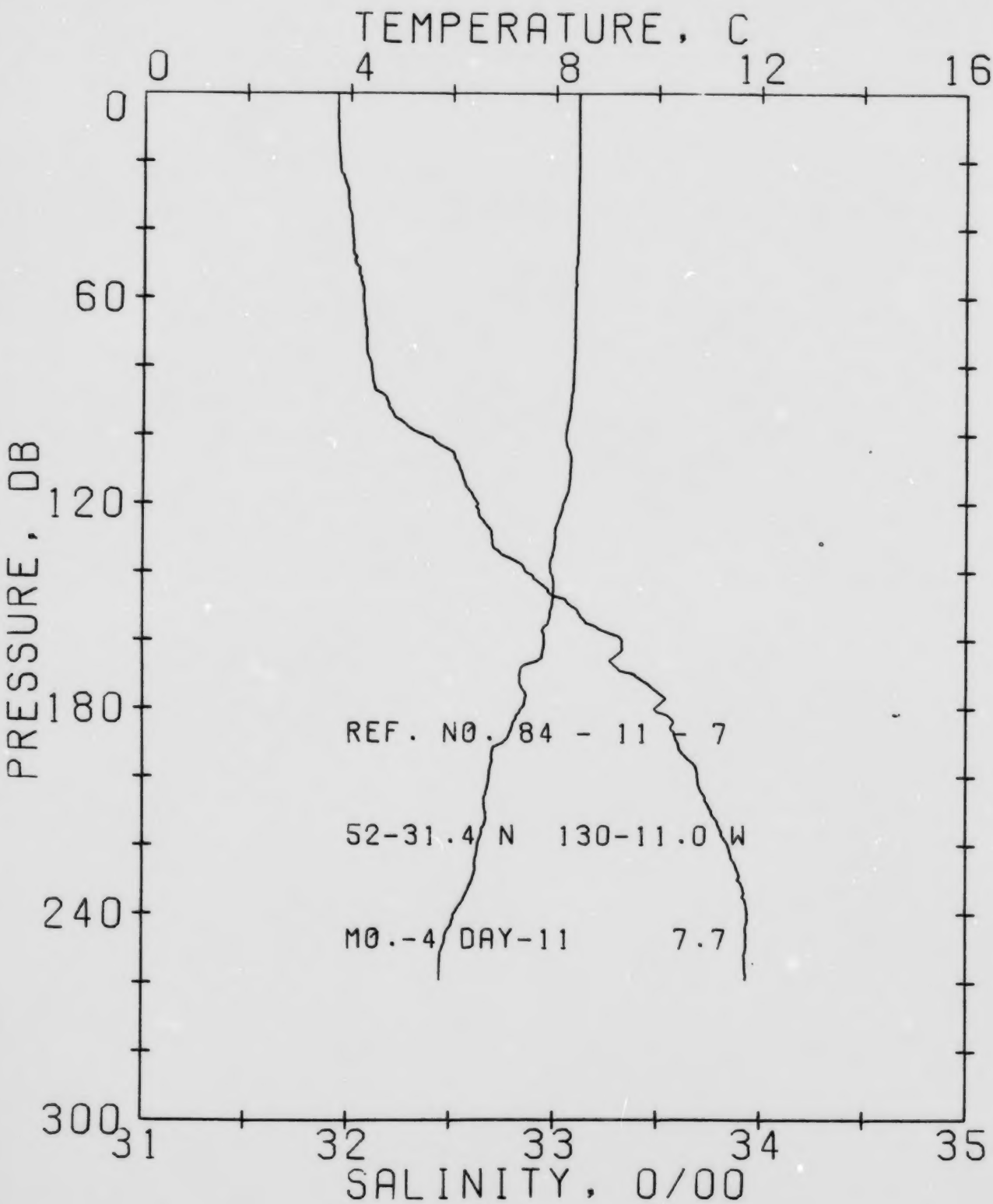
MO.-4 DAY-11 6.9
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 6 DATE 11/ 4/84
POSITION 52-30.0N, 130-20.0W GMT 6.9 STATION M 7
RESULTS OF STP CAST 232 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.44	31.91	0	24.81	314.4	.00	.00	1481.
10	8.45	31.94	10	24.84	312.4	.31	.02	1481.
20	8.45	31.94	20	24.83	312.8	.63	.06	1481.
30	8.46	31.94	30	24.83	312.9	.94	.14	1481.
50	8.47	31.95	50	24.84	313.0	1.56	.40	1482.
75	8.41	32.06	75	24.93	304.3	2.34	.89	1482.
100	8.27	32.29	99	25.14	285.2	3.08	1.55	1482.
125	8.17	32.71	124	25.47	253.7	3.75	2.31	1483.
150	7.89	32.98	149	25.73	229.8	4.35	3.15	1482.
175	7.15	33.39	174	26.15	189.5	4.87	4.02	1480.
200	6.18	33.79	199	26.59	147.7	5.28	4.80	1477.
225	6.04	33.92	223	26.71	136.6	5.64	5.57	1477.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PRESSURE, DB
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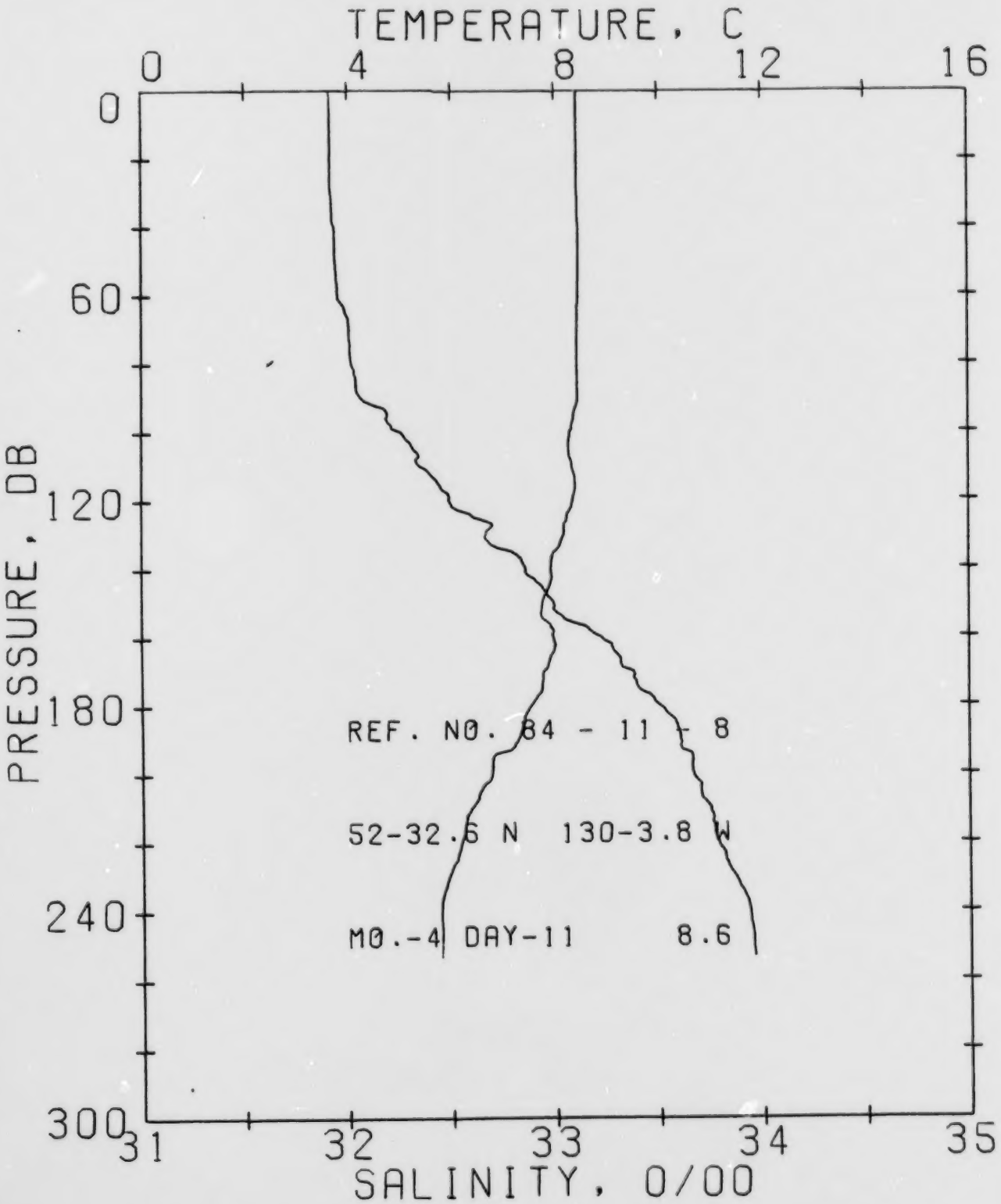
52-31.4 N 130-11.0 W
MO.-4 DAY-11 7.7
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 7 DATE 11/ 4/84
POSITION 52-31.4N, 130-11.0W GMT 7.7 STATION M 6
RESULTS OF STP CAST 260 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.45	31.94	0	24.83	312.5	.00	.00	1481.
10	8.45	31.94	10	24.83	312.6	.31	.02	1481.
20	8.46	31.95	20	24.84	312.3	.63	.06	1481.
30	8.45	31.99	30	24.87	309.4	.94	.14	1481.
50	8.42	32.02	50	24.90	306.6	1.55	.39	1481.
75	8.38	32.08	75	24.95	302.1	2.31	.88	1482.
100	8.21	32.36	99	25.20	279.3	3.05	1.53	1482.
125	8.08	32.66	124	25.45	256.1	3.71	2.29	1482.
150	7.94	33.08	149	25.80	222.8	4.32	3.14	1483.
175	7.43	33.50	174	26.20	185.3	4.83	3.98	1482.
200	6.74	33.69	199	26.45	161.8	5.26	4.81	1480.
225	6.47	33.88	223	26.63	144.9	5.65	5.64	1479.
250	5.85	33.93	248	26.75	133.5	5.99	6.48	1477.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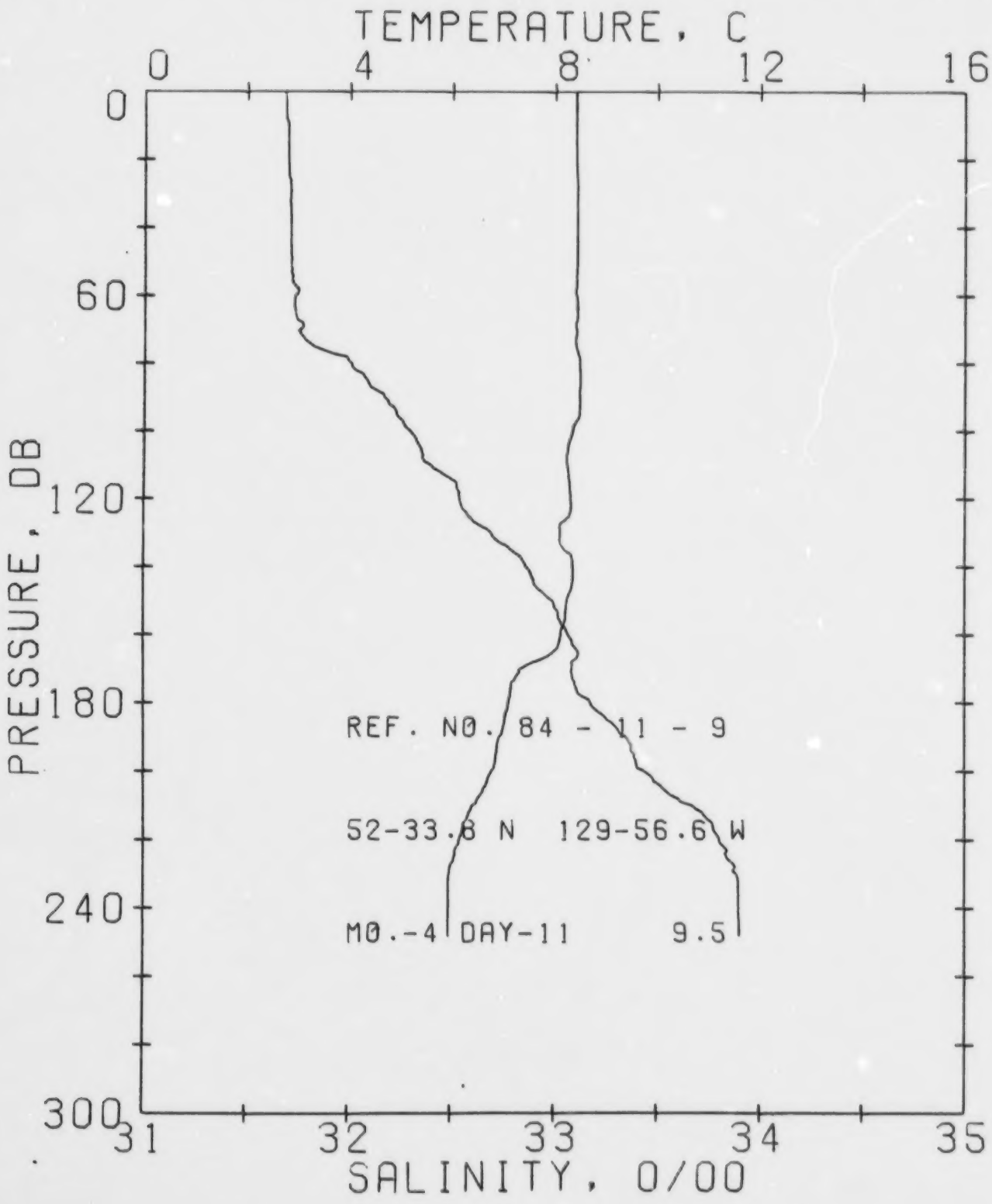
MO.-4 DAY-11 8.6
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 8 DATE 11/ 4/84
POSITION 52-32.6N, 130- 3.8W GMT 8.6 STATION M 5
RESULTS OF STP CAST 254 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.43	31.92	0	24.82	314.1	.00	.00	1481.
10	8.43	31.92	10	24.82	314.2	.31	.02	1481.
20	8.44	31.92	20	24.82	314.5	.63	.06	1481.
30	8.44	31.92	30	24.82	314.4	.94	.14	1481.
50	8.47	31.94	50	24.83	313.5	1.57	.40	1482.
75	8.44	32.01	75	24.89	308.2	2.35	.89	1482.
100	8.29	32.26	99	25.11	288.0	3.10	1.57	1482.
125	8.24	32.61	124	25.39	262.0	3.80	2.36	1483.
150	7.75	33.00	149	25.76	226.6	4.41	3.22	1482.
175	7.75	33.40	174	26.08	196.9	4.94	4.09	1483.
200	6.78	33.67	199	26.42	164.4	5.38	4.93	1480.
225	6.10	33.82	223	26.63	144.5	5.76	5.76	1478.
250	5.80	33.95	248	26.77	131.3	6.10	6.58	1477.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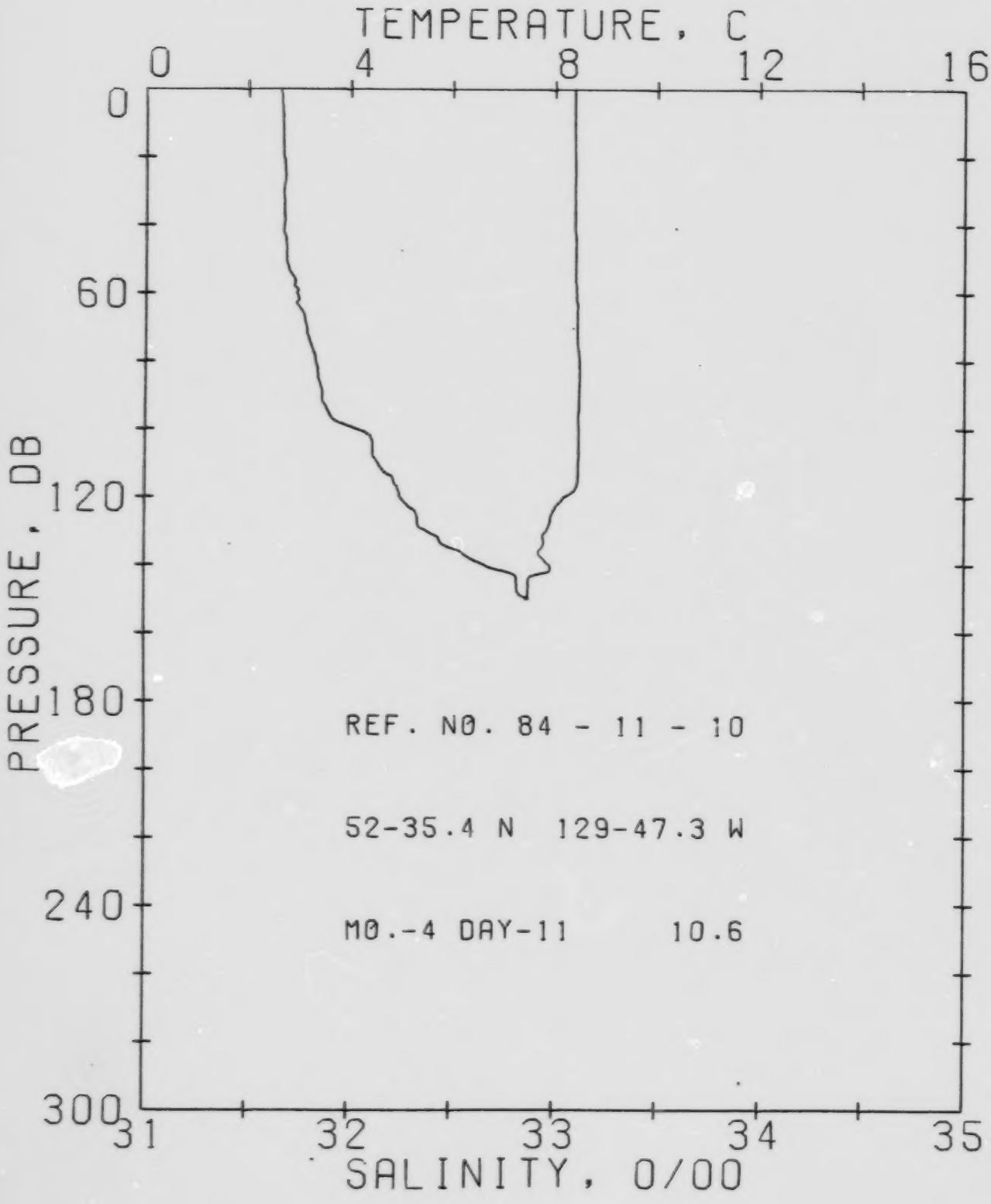
MO.-4 DAY-11 9.5
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 9 DATE 11/ 4/84
POSITION 52-33.8N, 129-56.6W GMT 9.5 STATION M 4
RESULTS OF STP CAST 249 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.41	31.69	0	24.64	330.7	.00	.00	1480.
10	8.41	31.70	10	24.65	330.1	.33	.02	1480.
20	8.41	31.70	20	24.65	330.2	.66	.07	1481.
30	8.43	31.71	30	24.65	330.0	.99	.15	1481.
50	8.43	31.71	50	24.66	330.2	1.65	.42	1481.
75	8.41	31.83	75	24.75	321.4	2.47	.94	1482.
100	8.36	32.30	99	25.13	286.2	3.22	1.61	1482.
125	8.29	32.58	124	25.36	264.7	3.91	2.40	1483.
150	8.24	32.99	149	25.69	233.9	4.53	3.26	1484.
175	7.17	33.10	174	25.93	211.0	5.09	4.19	1480.
200	6.79	33.44	199	26.25	181.1	5.58	5.12	1479.
225	6.07	33.84	224	26.65	142.7	5.97	5.97	1477.
250	5.95	33.90	248	26.72	136.7	6.32	6.82	1477.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MO.-4 DAY-11 10.6
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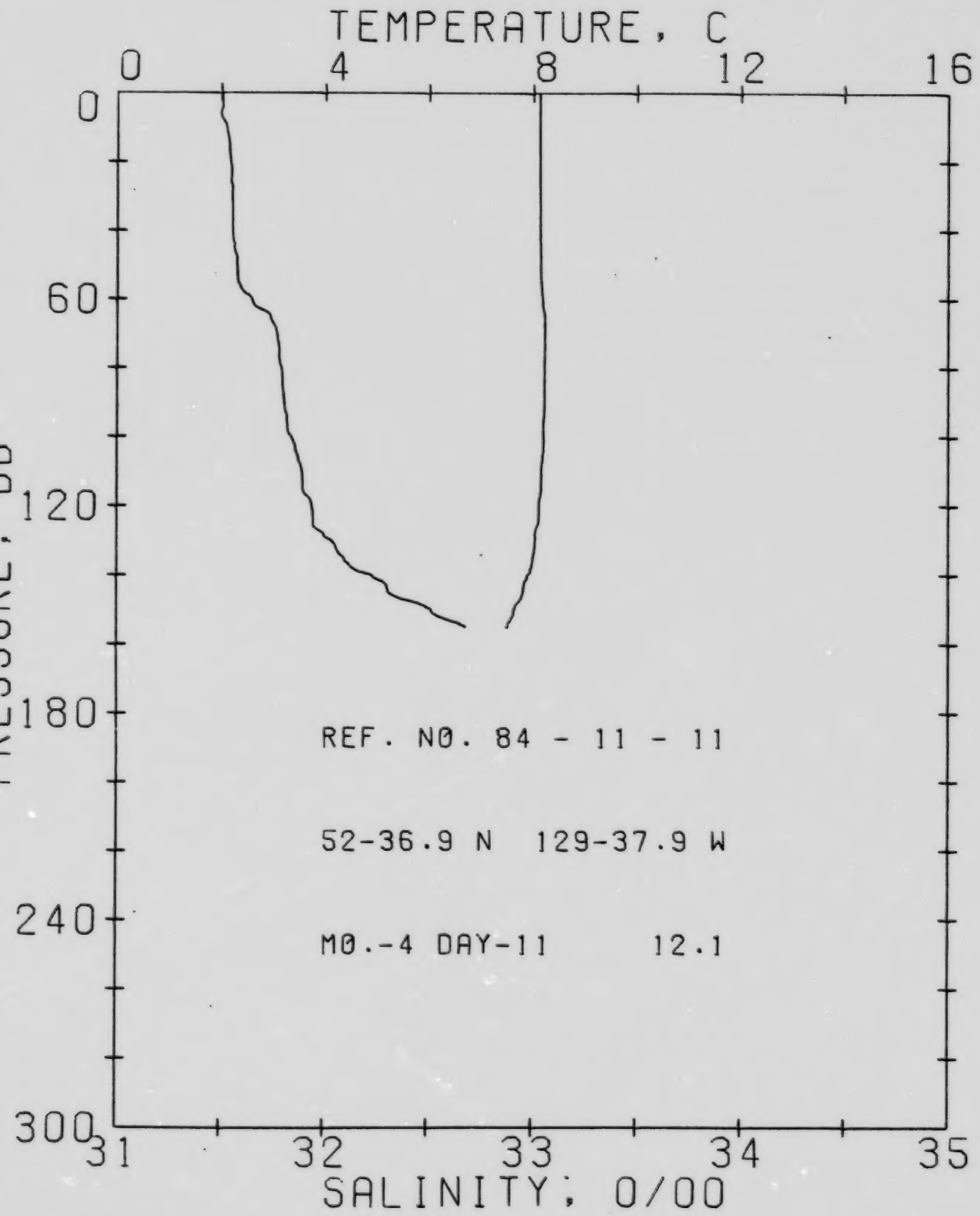
SALINITY, O/OO

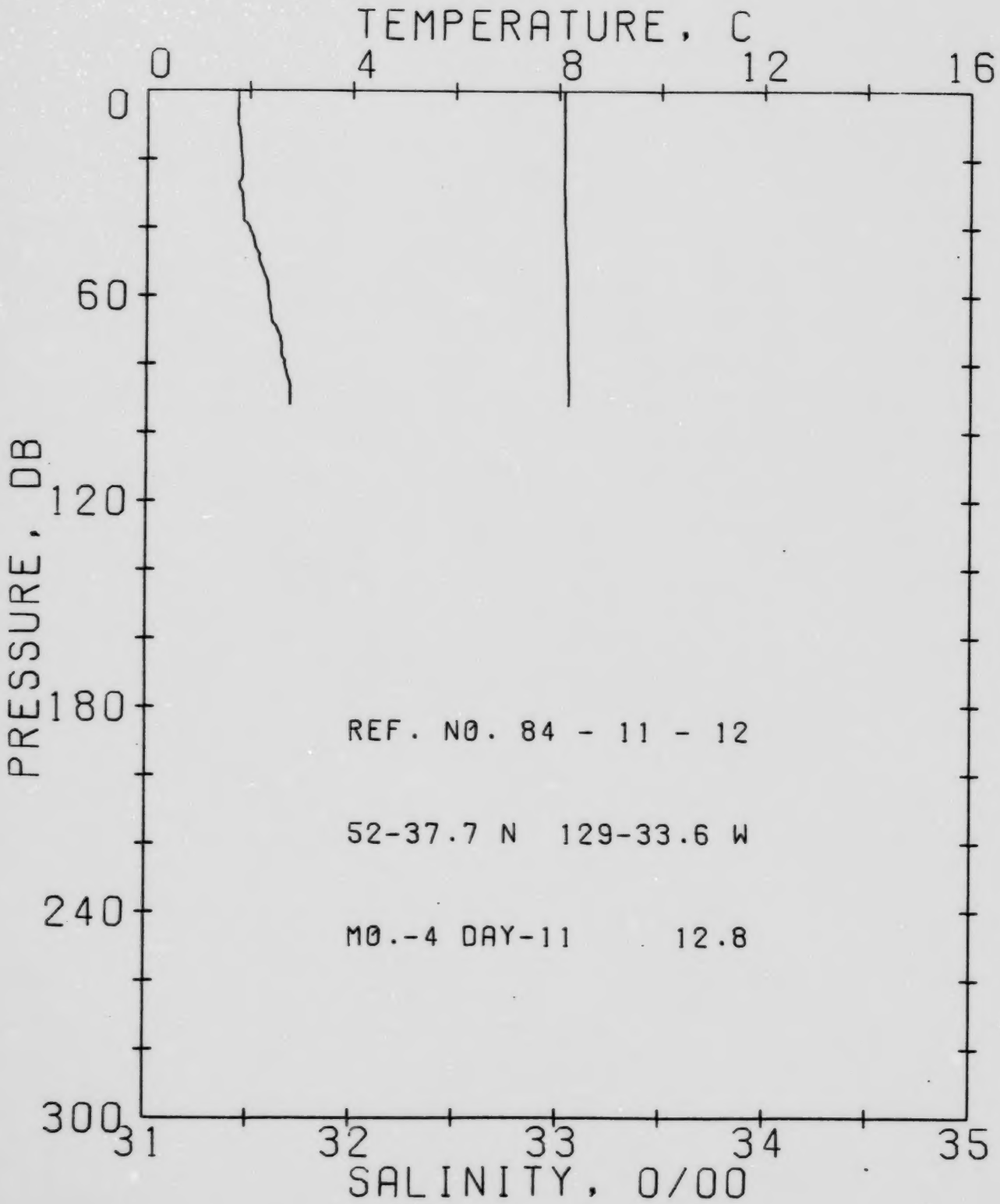
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 10 DATE 11/ 4/84
POSITION 52-35.4N, 129-47.3W GMT 10.6 STATION M 3
RESULTS OF STP CAST 151 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.38	31.66	0	24.63	332.2	.00	.00	1480.
10	8.38	31.67	10	24.63	332.1	.33	.02	1480.
20	8.39	31.67	20	24.63	331.9	.66	.07	1480.
30	8.38	31.67	30	24.63	332.1	1.00	.15	1481.
50	8.41	31.69	50	24.64	331.6	1.66	.42	1481.
75	8.44	31.81	75	24.73	323.3	2.48	.94	1482.
100	8.47	32.03	99	24.90	307.6	3.28	1.66	1482.
125	7.95	32.33	124	25.21	278.6	4.02	2.50	1481.
150	7.44	32.88	149	25.71	231.1	4.66	3.40	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
REF. NO. 84 - 11 - 11
52-36.9 N 129-37.9 W
MO.-4 DAY-11 12.1
31
32
33
34
35
SALINITY, O/OO

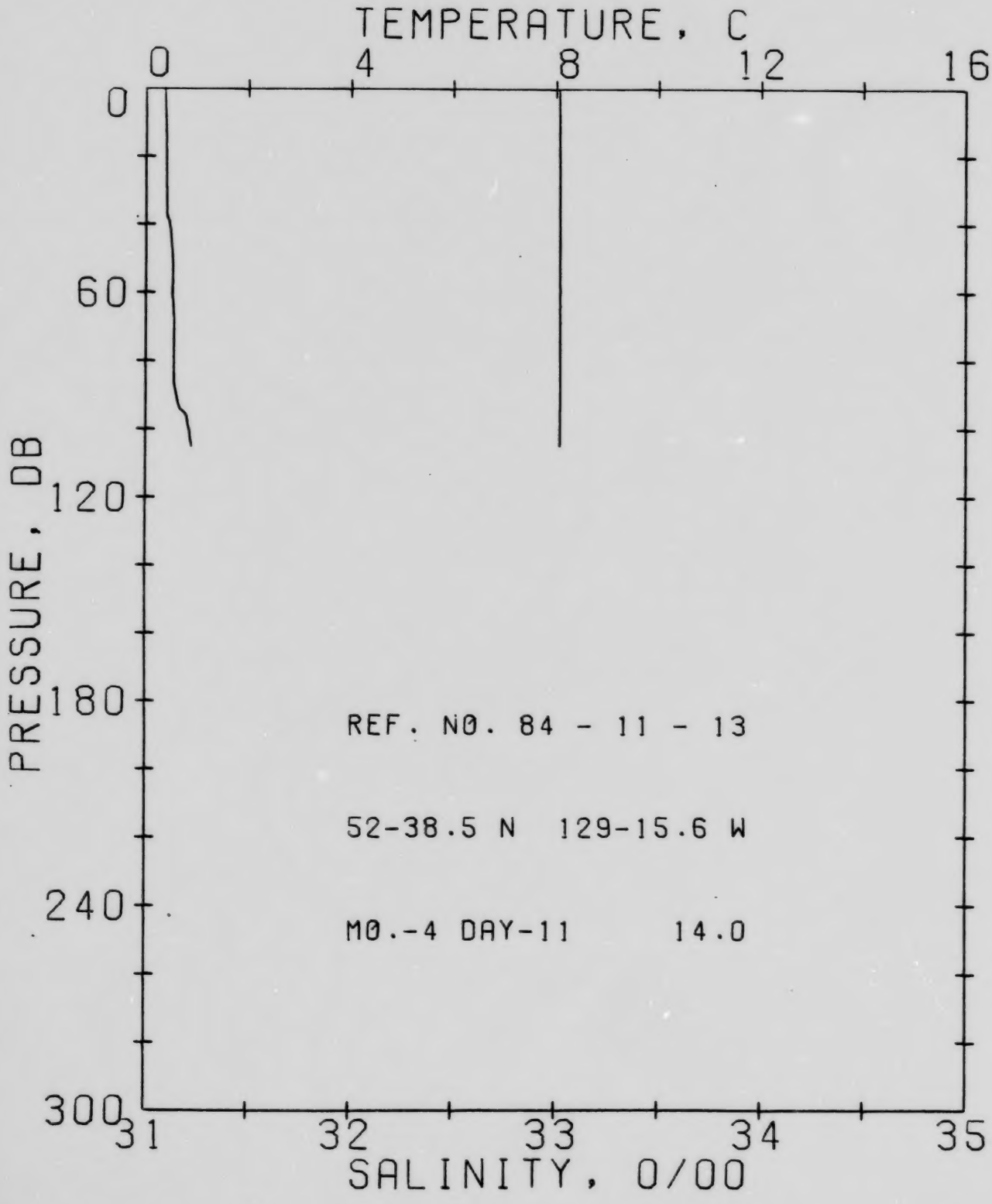
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 11 DATE 11/ 4/84
POSITION 52-36.9N, 129-37.9W GMT 12.1 STATION M 2
RESULTS OF STP CAST 156 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.13	31.51	0	24.54	340.3	.00	.00	1479.
10	8.13	31.53	10	24.56	338.8	.34	.02	1479.
20	8.13	31.55	20	24.57	337.8	.68	.07	1479.
30	8.14	31.55	30	24.58	337.5	1.02	.16	1479.
50	8.15	31.57	50	24.59	336.4	1.69	.43	1480.
75	8.24	31.78	75	24.74	322.5	2.51	.95	1481.
100	8.21	31.84	99	24.79	318.1	3.32	1.67	1481.
125	8.13	31.95	124	24.88	309.5	4.10	2.57	1481.
150	7.66	32.52	149	25.40	261.0	4.83	3.58	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 12
52-37.7 N 129-33.6 W
MO.-4 DAY-11 12.8
31
32
33
34
35
SALINITY, O/OO

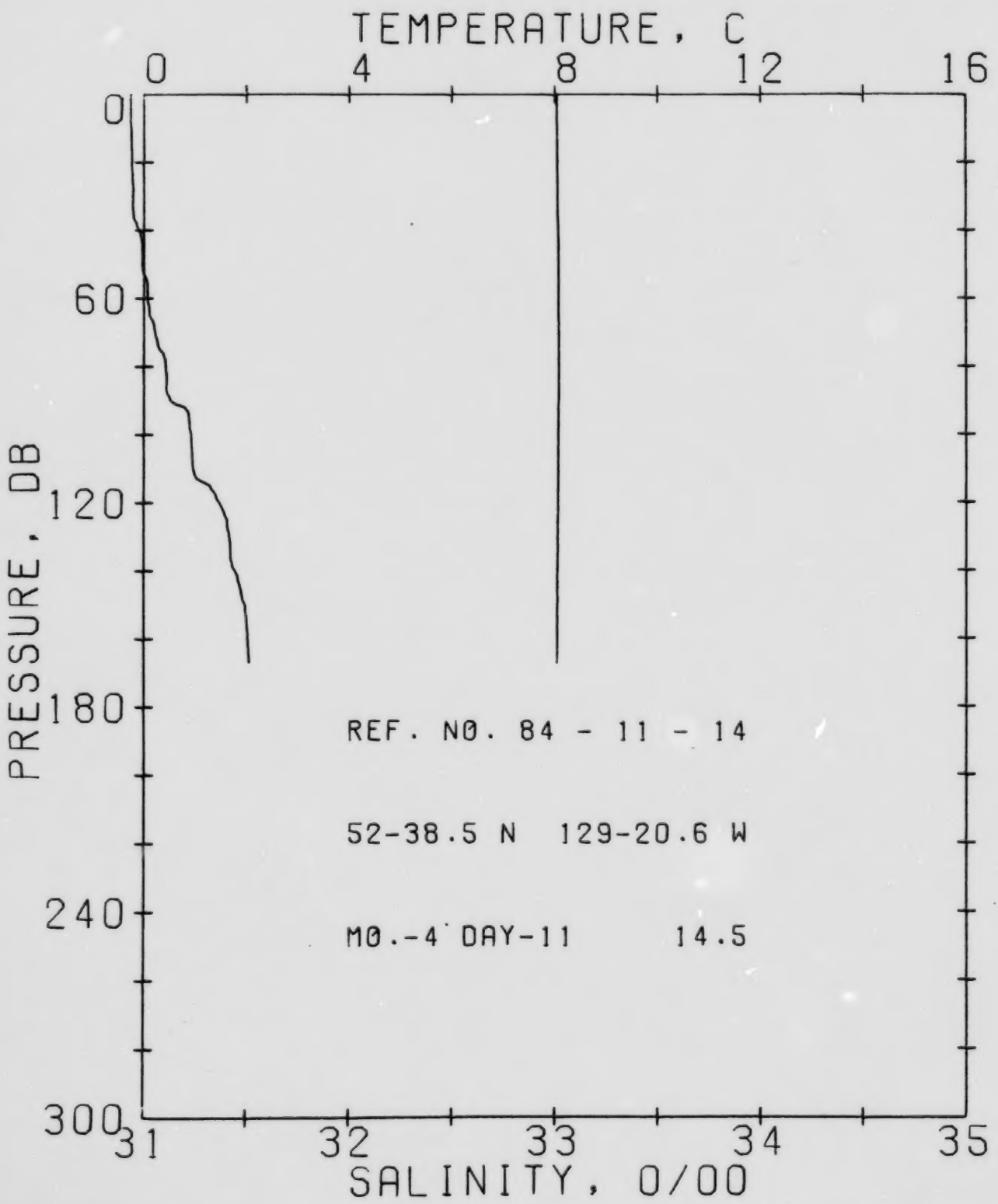
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 12 DATE 11/ 4/84
POSITION 52-37.7N, 129-33.6W GMT 12.8 STATION M 1
RESULTS OF STP CAST 93 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.10	31.45	0	24.50	344.6	.00	.00	1479.
10	8.10	31.44	10	24.49	345.2	.34	.02	1479.
20	8.11	31.46	20	24.51	343.8	.69	.07	1479.
30	8.11	31.47	30	24.51	343.6	1.03	.16	1479.
50	8.15	31.55	50	24.57	338.4	1.72	.44	1480.
75	8.19	31.66	75	24.65	331.3	2.55	.97	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 13
52-38.5 N 129-15.6 W
MO.-4 DAY-11 14.0
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 13 DATE 11/ 4/84
POSITION 52-38.5N, 129-15.6W GMT 14.0 STATION MB
RESULTS OF STP CAST 106 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.07	31.09	0	24.23	370.3	.00	.00	1478.
10	8.08	31.10	10	24.23	370.2	.37	.02	1478.
20	8.08	31.10	20	24.23	370.2	.74	.08	1478.
30	8.08	31.10	30	24.23	370.1	1.11	.17	1479.
50	8.09	31.13	50	24.25	368.4	1.85	.47	1479.
75	8.09	31.14	75	24.26	368.3	2.77	1.06	1479.
100	8.08	31.21	99	24.32	362.9	3.69	1.88	1480.


TEMPERATURE, C
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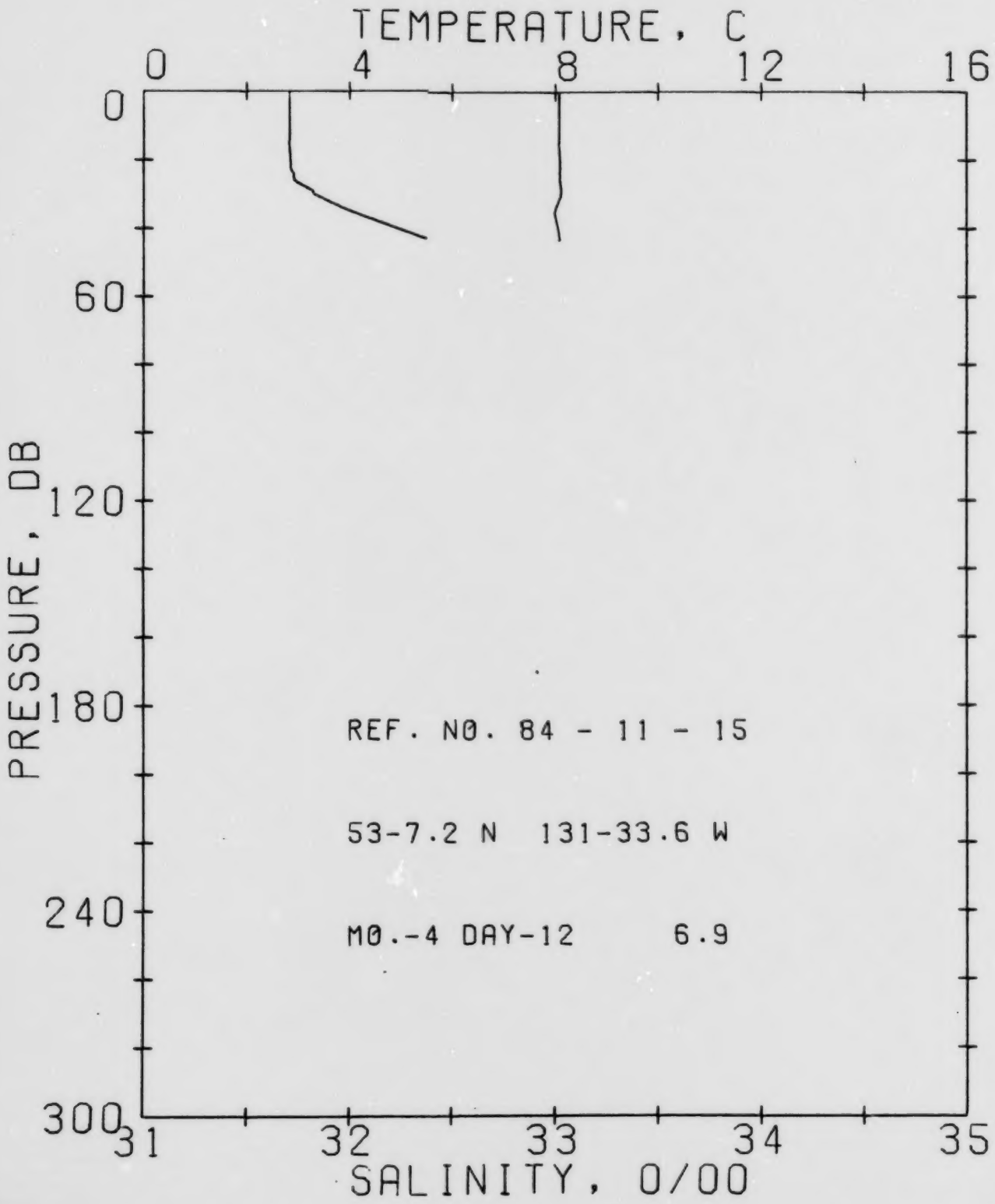
4
8
12
16
PRESSURE, DB
0
60
120
180
240
300
REF. NO. 84 - 11 - 14
52-38.5 N 129-20.6 W
MO.-4 DAY-11 14.5
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 14 DATE 11/ 4/84
POSITION 52-38.5N, 129-20.6W GMT 14.5 STATION M 0
RESULTS OF STP CAST 168 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.04	30.94	0	24.11	381.7	.00	.00	1478.
10	8.05	30.94	10	24.11	381.6	.38	.02	1478.
20	8.05	30.94	20	24.11	381.5	.76	.08	1478.
30	8.05	30.94	30	24.11	381.6	1.14	.17	1478.
50	8.07	30.99	50	24.15	378.6	1.90	.48	1479.
75	8.09	31.08	75	24.21	372.6	2.84	1.08	1479.
100	8.07	31.23	99	24.33	361.5	3.76	1.90	1480.
125	8.06	31.41	124	24.47	348.7	4.66	2.92	1481.
150	8.05	31.49	149	24.54	342.4	5.52	4.14	1481.


TEMPERATURE, C
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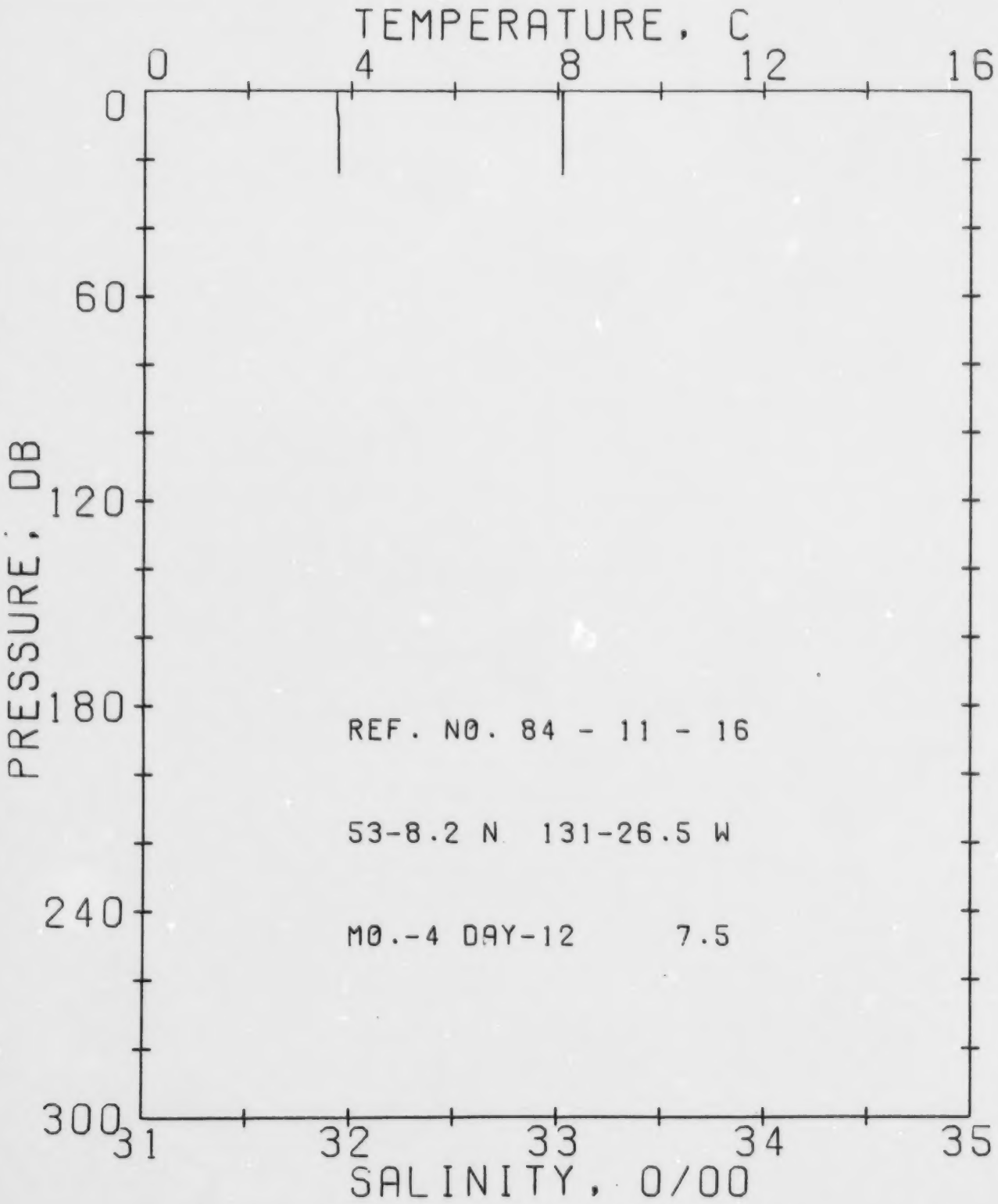
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 15
53-7.2 N 131-33.6 W
MO.-4 DAY-12 6.9
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 15 DATE 12/ 4/84
POSITION 53- 7.2N, 131-33.6W GMT 6.9 STATION W 16
RESULTS OF STP CAST 27 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.09	31.71	0	24.71	324.7	.00	.00	1479.
10	8.09	31.71	10	24.71	324.8	.32	.02	1479.
20	8.10	31.71	20	24.71	324.8	.65	.07	1479.
30	8.12	31.83	30	24.80	316.6	.97	.15	1480.

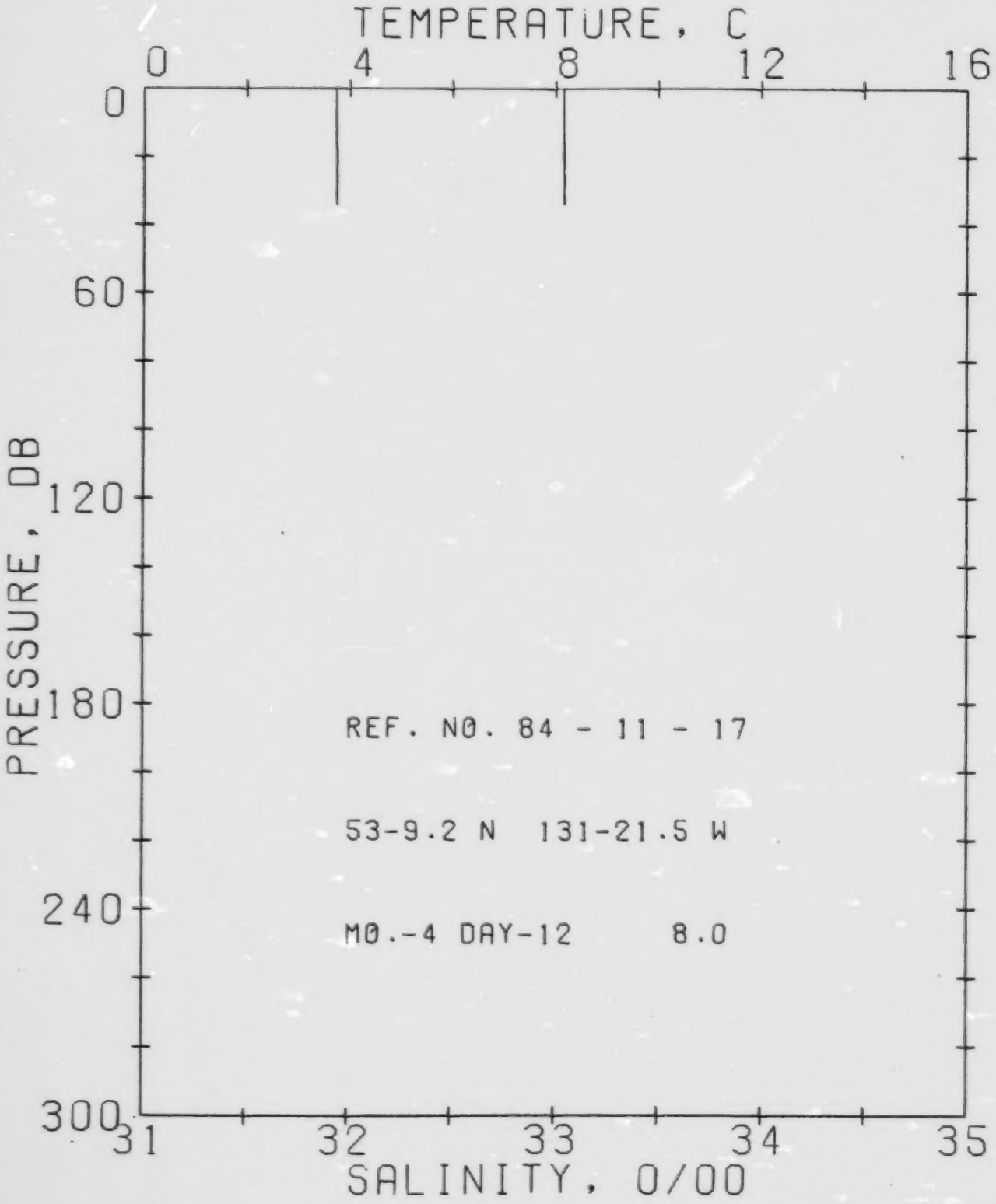
PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		8.09	31.71	15.		8.07	31.70
1.		8.09	31.71	17.		8.08	31.71
2.		8.09	31.71	22.		8.10	31.71
3.		8.09	31.71	23.		8.09	31.72
4.		8.09	31.71	24.		8.09	31.73
5.		8.09	31.71	25.		8.09	31.73
6.		8.09	31.71	26.		8.10	31.73
7.		8.09	31.71	27.		8.11	31.76
8.		8.09	31.71	28.		8.12	31.79
9.		8.09	31.71	29.		8.12	31.82
10.		8.09	31.71	30.		8.12	31.83
11.		8.09	31.71	35.		7.98	32.01
12.		8.09	31.71	43.		8.09	32.37
13.		8.09	31.71				


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 16
53-8.2 N 131-26.5 W
MO.-4 DAY-12 7.5
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 16 DATE 12/ 4/84
POSITION 53- 8.2N, 131-26.5W GMT 7.5 STATION W 15
RESULTS OF STP CAST 25 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.10	31.93	0	24.88	308.4	.00	.00	1479.
10	8.10	31.94	10	24.88	308.0	.31	.02	1479.
20	8.10	31.94	20	24.88	308.1	.62	.06	1480.

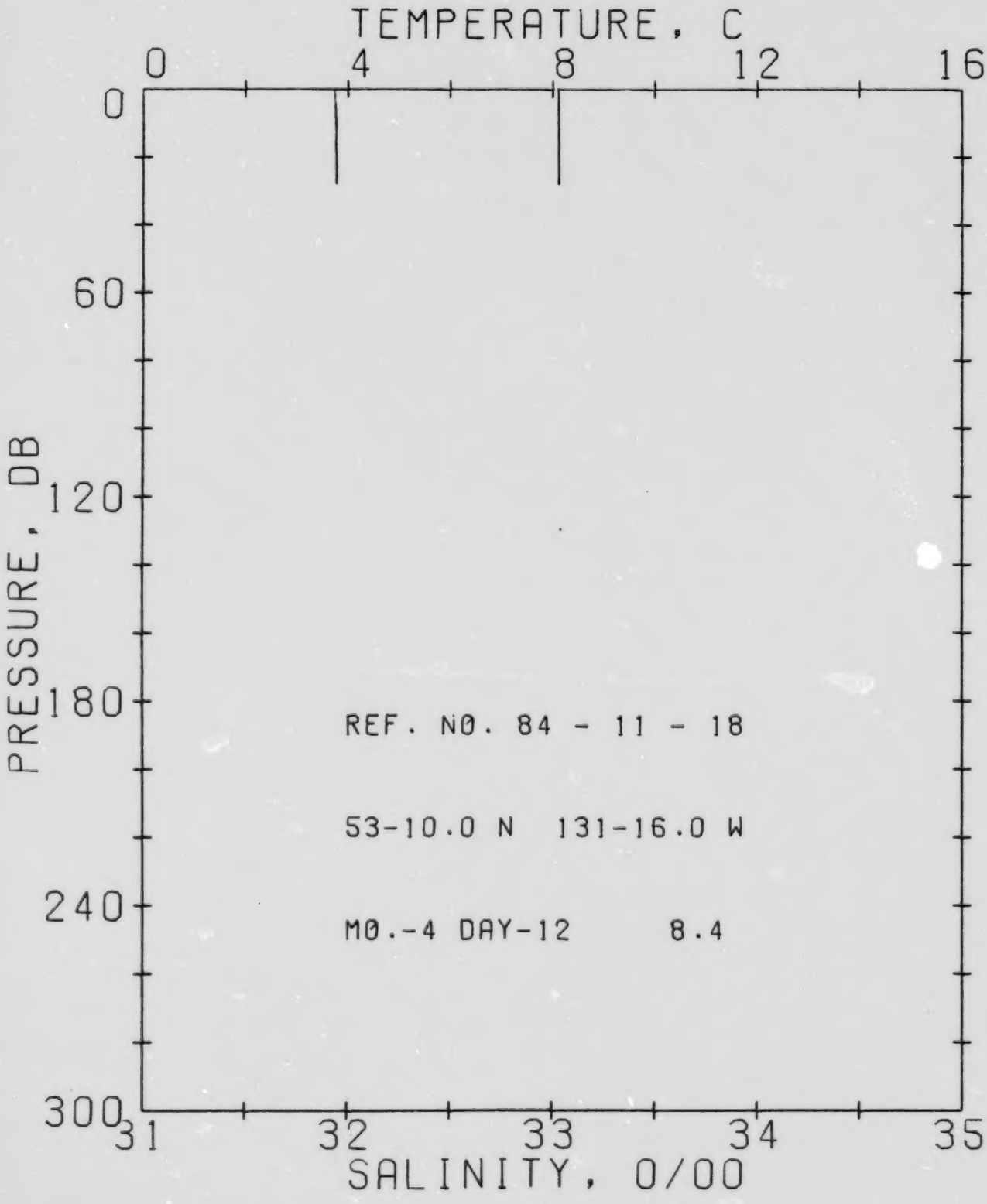
PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		8.10	31.93	13.		8.10	31.94
1.		8.10	31.93	14.		8.10	31.94
2.		8.10	31.93	15.		8.10	31.94
3.		8.10	31.93	16.		8.10	31.94
4.		8.10	31.93	17.		8.10	31.94
5.		8.10	31.93	18.		8.10	31.94
6.		8.10	31.93	19.		8.10	31.94
7.		8.10	31.94	20.		8.10	31.94
8.		8.10	31.94	21.		8.10	31.94
9.		8.10	31.94	22.		8.10	31.94
10.		8.10	31.94	23.		8.10	31.94
11.		8.10	31.94	24.		8.10	31.94
12.		8.10	31.94				


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 17
53-9.2 N 131-21.5 W
MO.-4 DAY-12 8.0
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 17 DATE 12/ 4/84
POSITION 53- 9.2N, 131-21.5W GMT 8.0 STATION W 14
RESULTS OF STP CAST 35 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.16	31.93	0	24.87	309.0	.00	.00	1480.
10	8.16	31.93	10	24.87	309.2	.31	.02	1480.
20	8.17	31.94	20	24.87	309.2	.62	.06	1480.
30	8.17	31.94	30	24.87	309.3	.93	.14	1480.

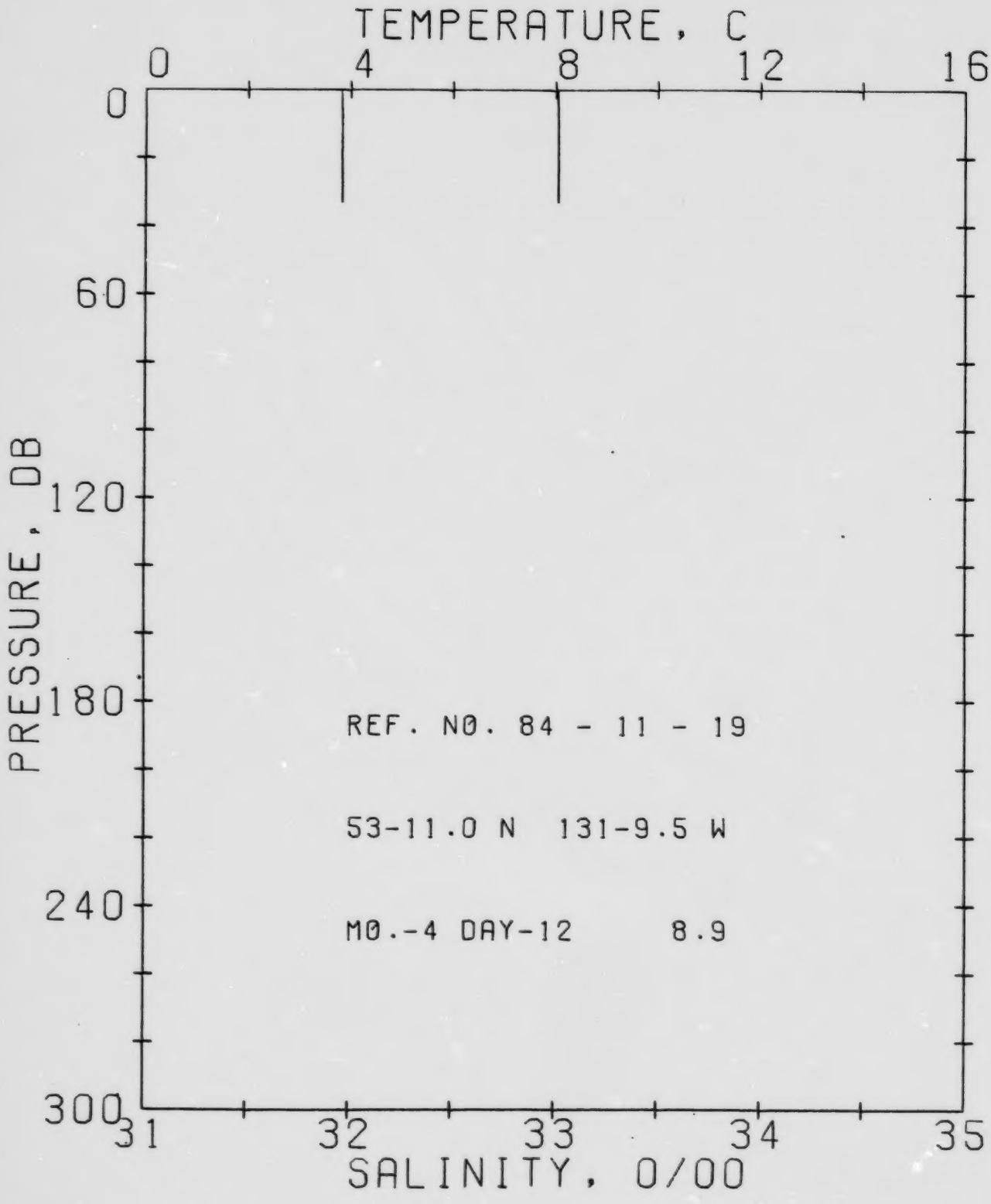
PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		8.16	31.93	18.		8.16	31.94
1.		8.16	31.93	19.		8.17	31.94
2.		8.16	31.93	20.		8.17	31.94
3.		8.16	31.93	21.		8.17	31.94
4.		8.16	31.93	22.		8.17	31.94
5.		8.16	31.94	23.		8.17	31.94
6.		8.16	31.93	24.		8.17	31.94
7.		8.16	31.94	25.		8.17	31.94
8.		8.16	31.93	26.		8.17	31.94
9.		8.16	31.93	27.		8.17	31.94
10.		8.16	31.93	28.		8.17	31.94
11.		8.16	31.93	29.		8.17	31.94
12.		8.16	31.94	30.		8.17	31.94
13.		8.16	31.93	31.		8.17	31.93
14.		8.16	31.93	32.		8.17	31.94
15.		8.16	31.94	33.		8.17	31.94
16.		8.16	31.93	34.		8.17	31.94
17.		8.16	31.94				


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 18
53-10.0 N 131-16.0 W
MO.-4 DAY-12 8.4
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 18 DATE 12/ 4/84
POSITION 53-10.0N, 131-16.0W GMT 8.4 STATION W 13
RESULTS OF STP CAST 29 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.12	31.94	0	24.88	308.1	.00	.00	1479.
10	8.12	31.94	10	24.88	308.0	.31	.02	1480.
20	8.13	31.95	20	24.88	307.9	.62	.06	1480.

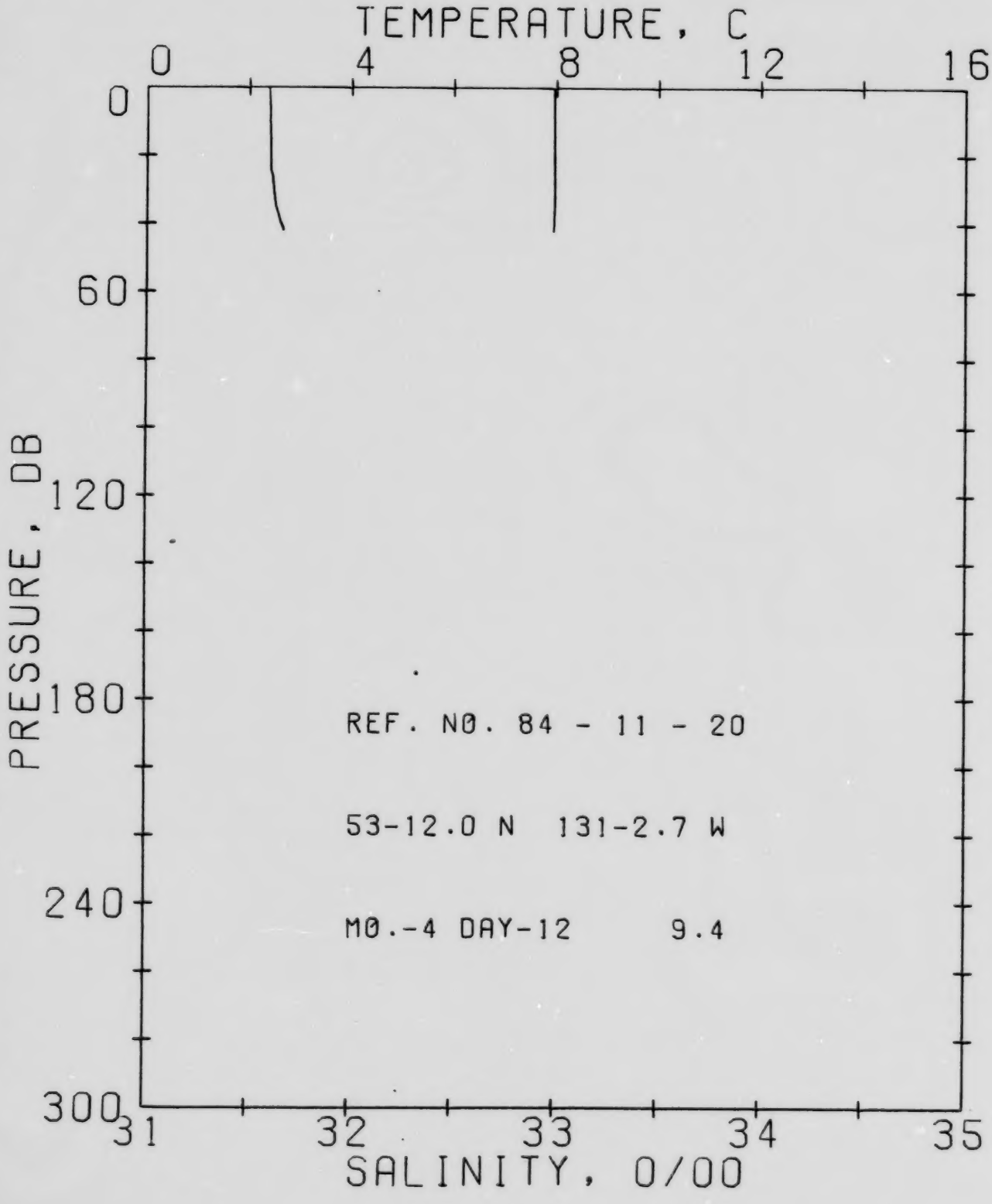
PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		8.12	31.94	15.		8.13	31.94
1.		8.12	31.94	16.		8.13	31.94
2.		8.12	31.94	17.		8.13	31.94
3.		8.12	31.94	18.		8.13	31.94
4.		8.12	31.94	19.		8.13	31.95
5.		8.13	31.94	20.		8.13	31.95
6.		8.12	31.94	21.		8.13	31.95
7.		8.12	31.94	22.		8.13	31.94
8.		8.12	31.94	23.		8.13	31.95
9.		8.12	31.94	24.		8.13	31.94
10.		8.12	31.94	25.		8.13	31.95
11.		8.13	31.94	26.		8.13	31.95
12.		8.13	31.94	27.		8.13	31.95
13.		8.12	31.94	28.		8.13	31.95
14.		8.12	31.94				


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 19
53-11.0 N 131-9.5 W
MO.-4 DAY-12 8.9
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 19 DATE 12/ 4/84
POSITION 53-11.0N, 131- 9.5W GMT 8.9 STATION W 12
RESULTS OF STP CAST 34 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.05	31.96	0	24.91	305.6	.00	.00	1479.
10	8.05	31.96	10	24.91	305.7	.31	.02	1479.
20	8.05	31.96	20	24.90	306.0	.61	.06	1480.
30	8.05	31.96	30	24.91	306.0	.92	.14	1480.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		8.05	31.96	17.		8.05	31.96
1.		8.05	31.96	18.		8.06	31.96
2.		8.05	31.96	19.		8.05	31.96
3.		8.05	31.96	20.		8.05	31.96
4.		8.05	31.96	21.		8.05	31.96
5.		8.05	31.96	22.		8.05	31.96
6.		8.05	31.96	23.		8.05	31.96
7.		8.05	31.96	24.		8.05	31.96
8.		8.05	31.96	25.		8.06	31.96
9.		8.05	31.96	26.		8.05	31.96
10.		8.05	31.96	27.		8.05	31.96
11.		8.05	31.96	28.		8.05	31.96
12.		8.05	31.96	29.		8.05	31.96
13.		8.05	31.96	30.		8.05	31.96
14.		8.05	31.96	31.		8.06	31.96
15.		8.05	31.96	32.		8.06	31.96
16.		8.05	31.96	33.		8.06	31.96


TEMPERATURE, C
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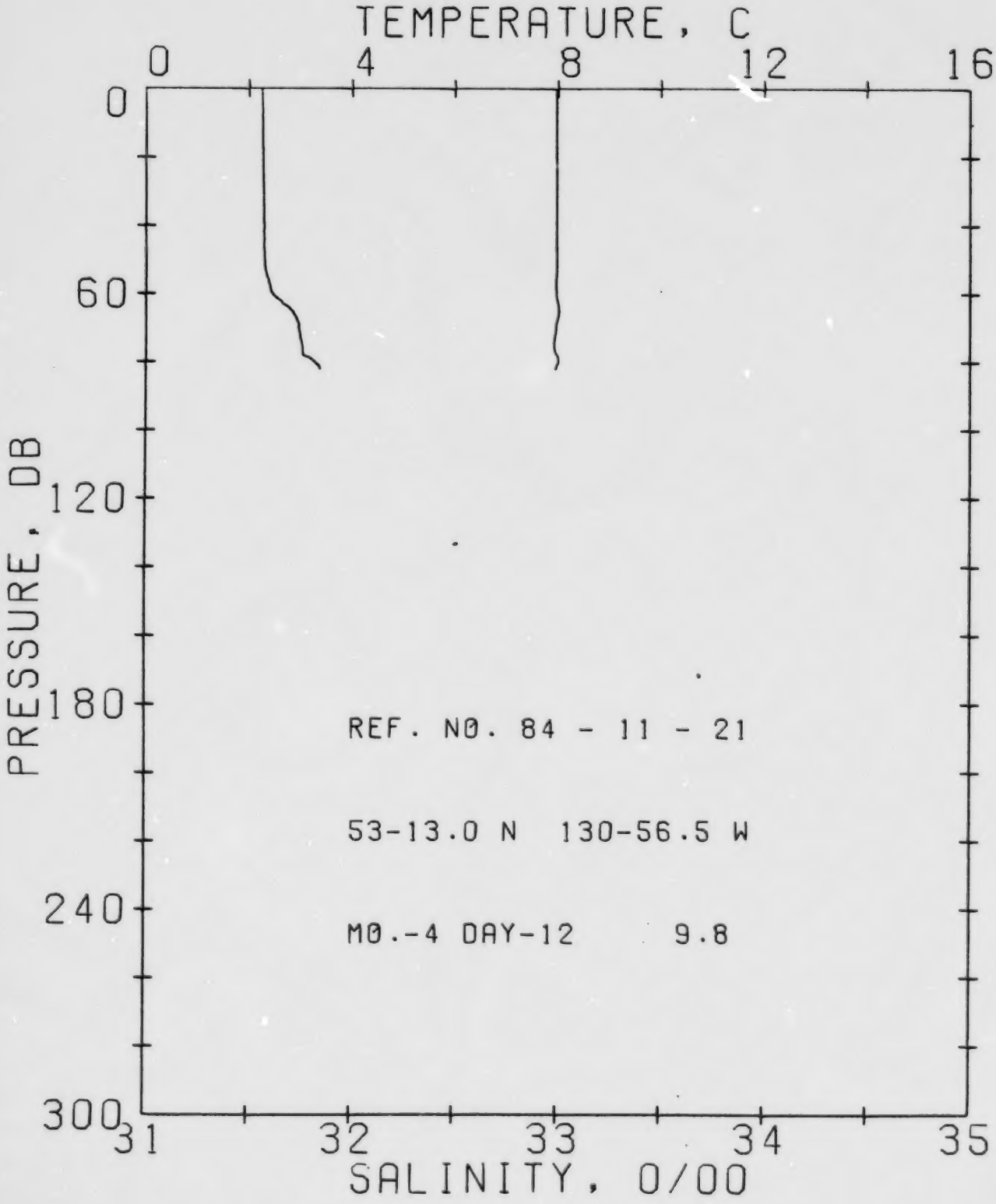
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 20
53-12.0 N 131-2.7 W
MO.-4 DAY-12 9.4
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 20 DATE 12/ 4/84
POSITION 53-12.0N, 131- 2.7W GMT 9.4 STATION W 11
RESULTS OF STP CAST 43 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

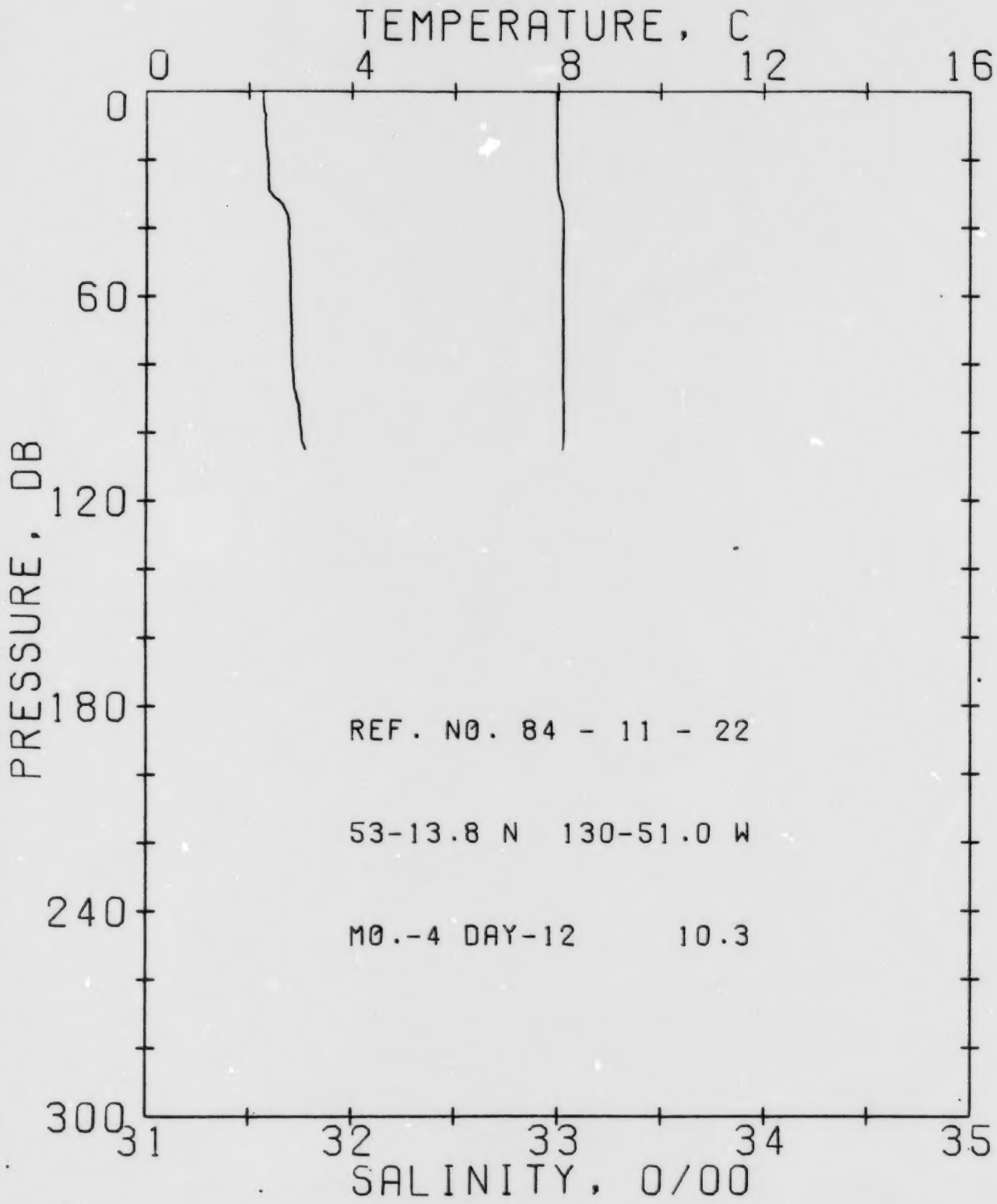
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.96	31.60	0	24.64	331.2	.00	.00	1478.
10	7.96	31.60	10	24.64	331.4	.33	.02	1479.
20	7.97	31.60	20	24.64	331.2	.66	.07	1479.
30	7.97	31.62	30	24.65	330.3	.99	.15	1479.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		7.96	31.60	22.		7.97	31.60
1.		7.96	31.60	23.		7.97	31.60
2.		7.96	31.60	24.		7.97	31.60
3.		7.96	31.60	25.		7.97	31.61
4.		7.96	31.60	26.		7.97	31.61
5.		7.96	31.60	27.		7.97	31.61
6.		7.96	31.60	28.		7.97	31.62
7.		7.96	31.60	29.		7.97	31.62
8.		7.96	31.60	30.		7.97	31.62
9.		7.96	31.60	31.		7.97	31.62
10.		7.96	31.60	32.		7.97	31.62
11.		7.96	31.60	33.		7.97	31.62
12.		7.96	31.60	34.		7.97	31.63
13.		7.96	31.60	35.		7.97	31.63
14.		7.97	31.60	36.		7.97	31.63
15.		7.96	31.60	37.		7.97	31.64
16.		7.97	31.60	38.		7.96	31.64
17.		7.97	31.60	39.		7.96	31.65
18.		7.97	31.60	40.		7.96	31.66
19.		7.97	31.60	41.		7.96	31.66
20.		7.97	31.60	42.		7.96	31.67
21.		7.97	31.60				


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 21
53-13.0 N 130-56.5 W
MO.-4 DAY-12 9.8
31
32
33
34
35
SALINITY, O/OO

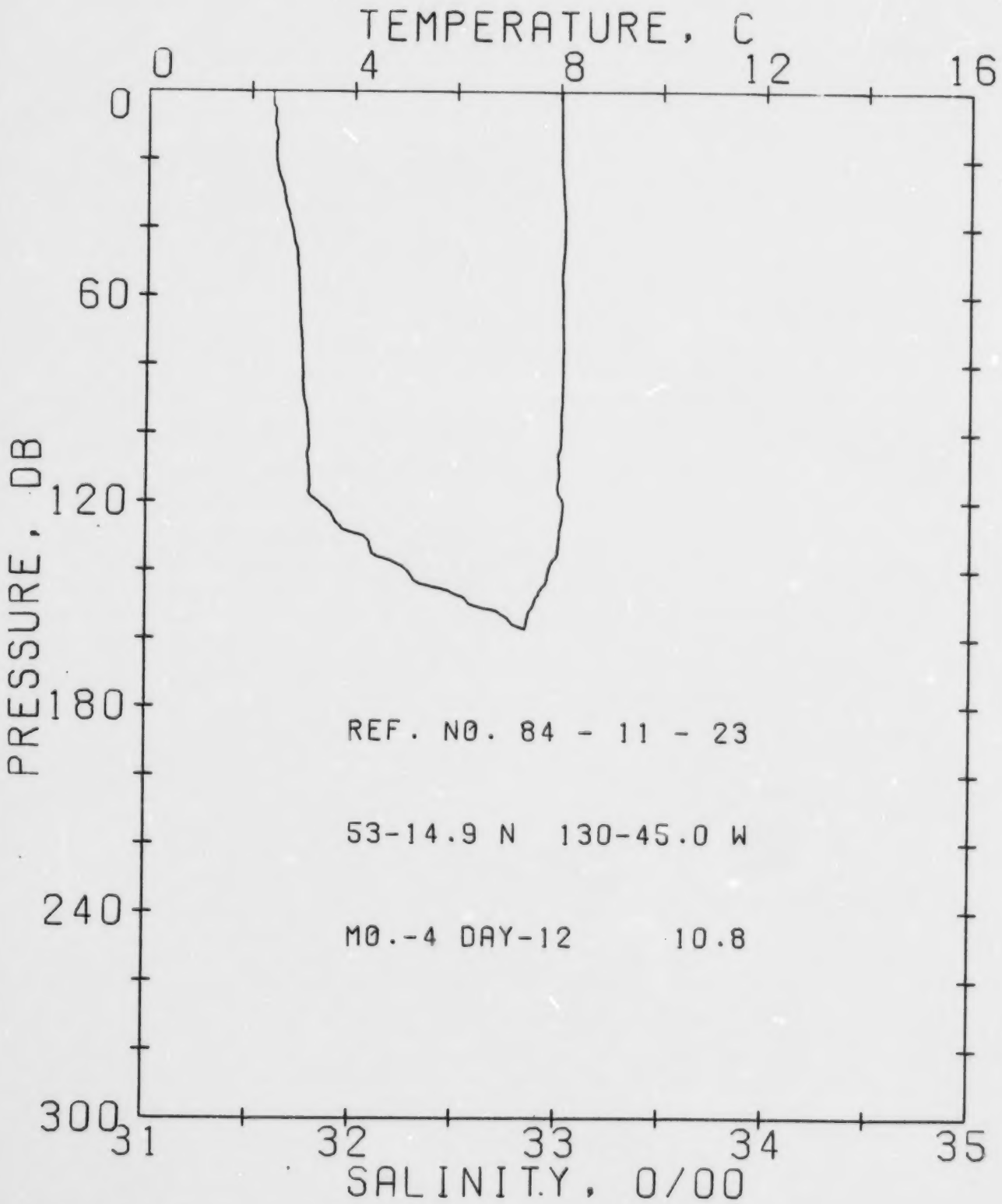
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 21 DATE 12/ 4/84
POSITION 53-13.0N, 130-56.5W GMT 9.8 STATION W 10
RESULTS OF STP CAST 83 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.97	31.57	0	24.61	333.8	.00	.00	1478.
10	7.98	31.57	10	24.61	334.0	.33	.02	1479.
20	7.97	31.57	20	24.61	334.0	.67	.07	1479.
30	7.98	31.57	30	24.61	334.0	1.00	.15	1479.
50	7.98	31.57	50	24.61	334.1	1.67	.43	1479.
75	7.93	31.76	75	24.77	320.0	2.49	.95	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 22
53-13.8 N 130-51.0 W
MO.-4 DAY-12 10.3
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 22 DATE 12/ 4/84
POSITION 53-13.8N, 130-51.0W GMT 10.3 STATION W 9
RESULTS OF STP CAST 106 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.98	31.57	0	24.61	333.6	.00	.00	1478.
10	7.98	31.58	10	24.62	333.1	.33	.02	1479.
20	7.98	31.59	20	24.63	332.4	.67	.07	1479.
30	8.00	31.61	30	24.64	331.4	1.00	.15	1479.
50	8.09	31.70	50	24.70	326.3	1.65	.42	1480.
75	8.10	31.70	75	24.70	326.3	2.47	.94	1480.
100	8.12	31.75	99	24.74	323.3	3.28	1.66	1481.


TEMPERATURE, C
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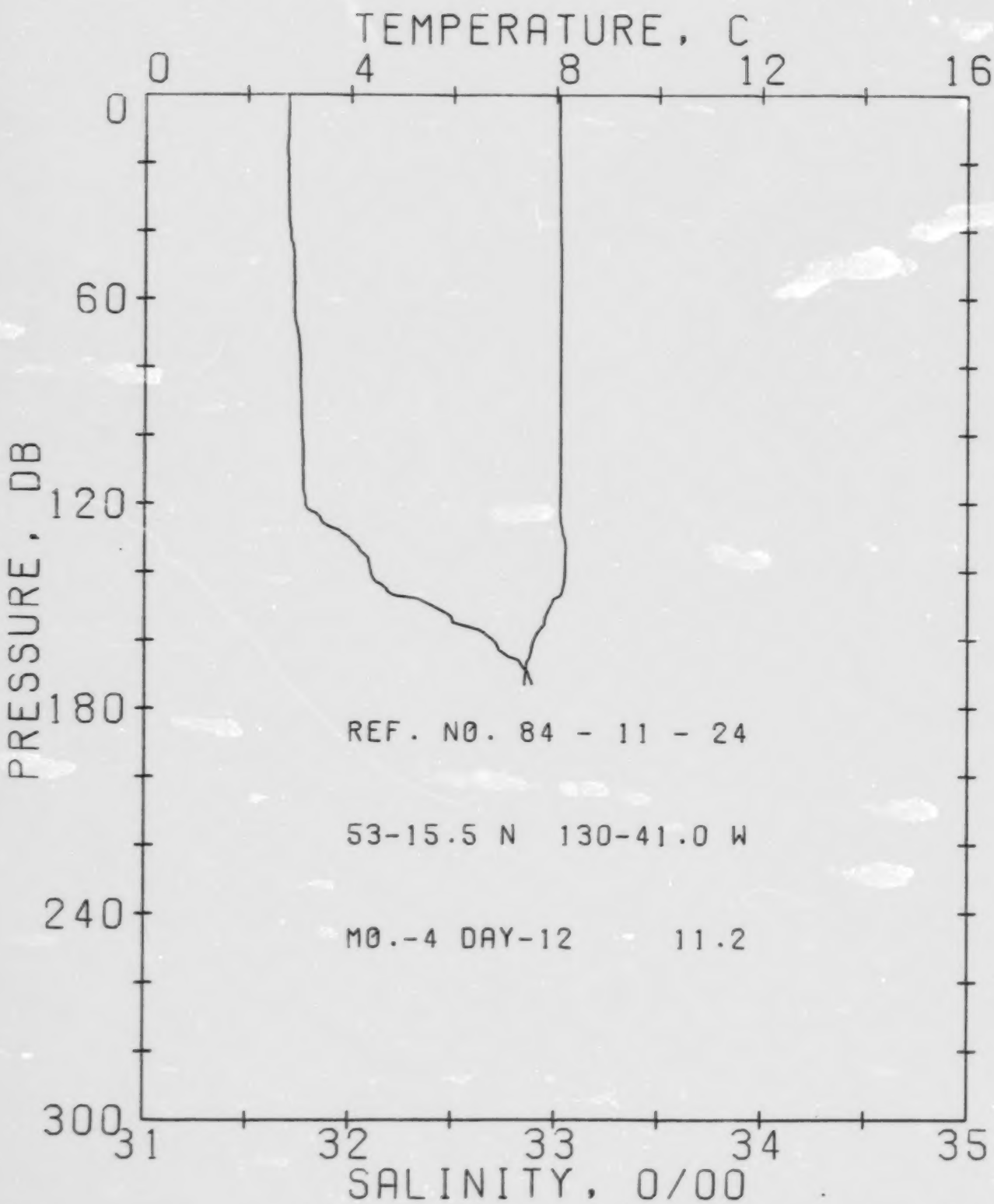
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 23
53-14.9 N 130-45.0 W
MO.-4 DAY-12 10.8
31
32
33
34
35
SALINITY, O/OO

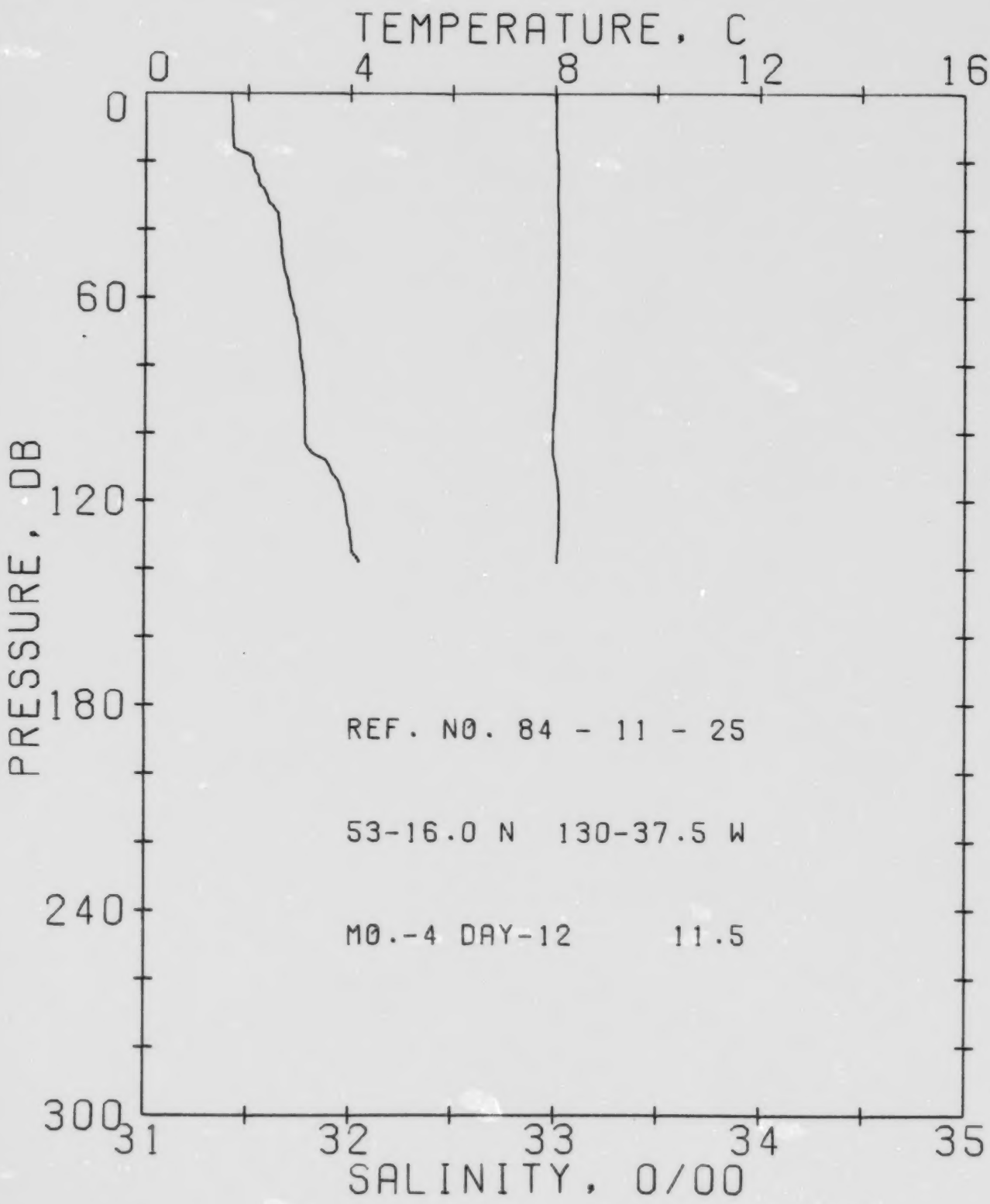
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 23 DATE 12/ 4/84
POSITION 53-14.9N, 130-45.0W GMT 10.8 STATION W 8
RESULTS OF STP CAST 158 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.02	31.61	0	24.64	331.4	.00	.00	1479.
10	8.03	31.61	10	24.64	331.1	.33	.02	1479.
20	8.03	31.62	20	24.65	330.7	.66	.07	1479.
30	8.07	31.66	30	24.67	328.5	.99	.15	1479.
50	8.08	31.73	50	24.72	324.1	1.64	.42	1480.
75	8.10	31.75	75	24.74	322.7	2.45	.93	1480.
100	8.08	31.79	99	24.77	320.3	3.26	1.65	1481.
125	8.09	31.91	124	24.87	311.3	4.05	2.56	1481.
150	7.55	32.58	149	25.46	254.9	4.77	3.56	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 24
53-15.5 N 130-41.0 W
MO.-4 DAY-12 11.2
31
32
33
34
35
SALINITY, O/OO

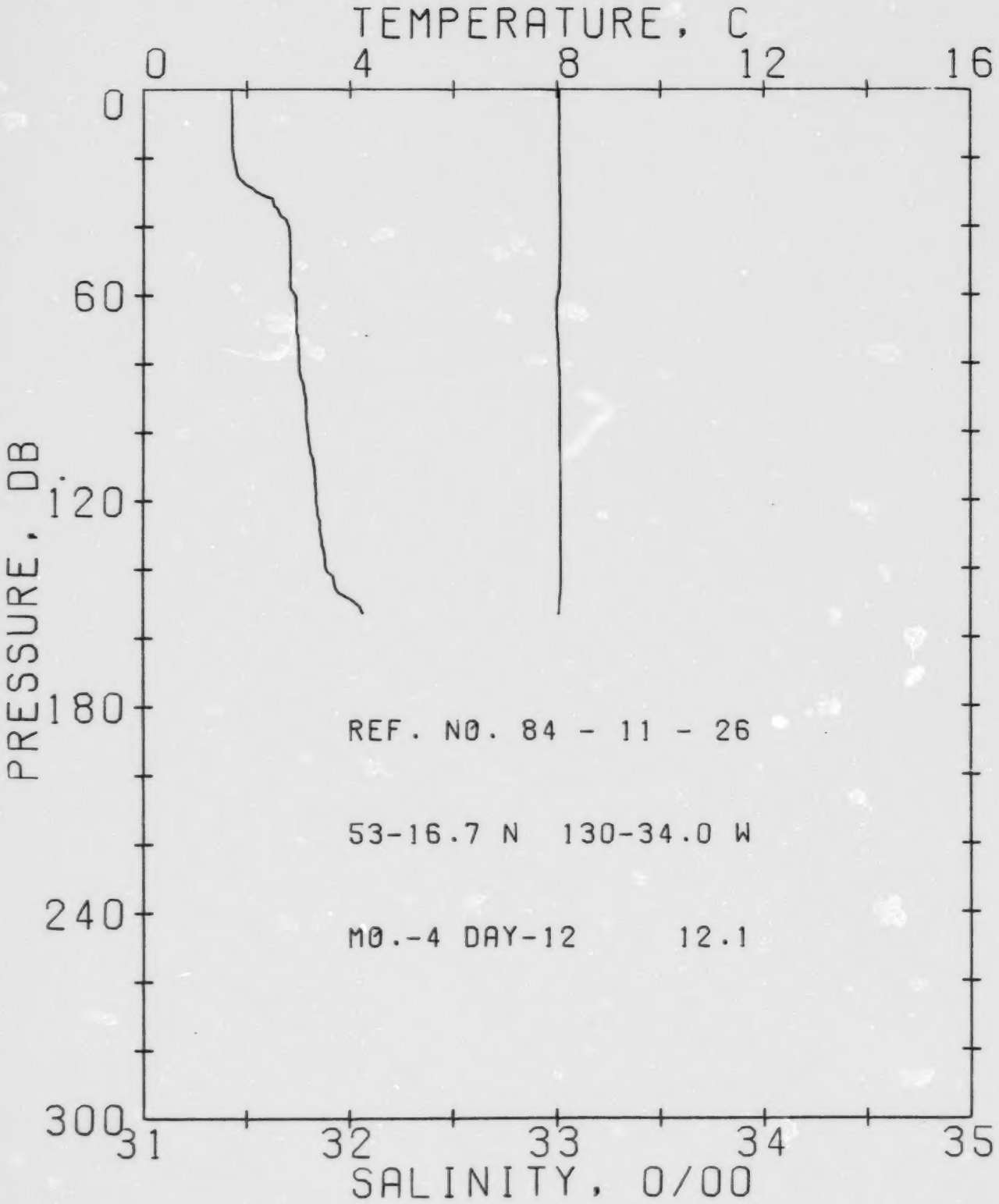
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 24 DATE 12/ 4/84
POSITION 53-15.5N, 130-41.0W GMT 11.2 STATION W 7
RESULTS OF STP CAST 174 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.05	31.70	0	24.70	325.0	.00	.00	1479.
10	8.06	31.70	10	24.70	325.3	.33	.02	1479.
20	8.07	31.70	20	24.70	325.8	.65	.07	1479.
30	8.08	31.70	30	24.70	325.8	.98	.15	1479.
50	8.09	31.72	50	24.71	324.5	1.63	.41	1480.
75	8.09	31.75	75	24.74	322.6	2.44	.93	1480.
100	8.09	31.76	99	24.75	322.1	3.24	1.65	1481.
125	8.09	31.86	124	24.82	315.4	4.05	2.57	1481.
150	7.91	32.40	149	25.27	272.9	4.79	3.61	1482.
175	7.39	32.90	174	25.73	229.4	5.42	4.65	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 25
53-16.0 N 130-37.5 W
MO.-4 DAY-12 11.5
31
32
33
34
35
SALINITY, O/OO

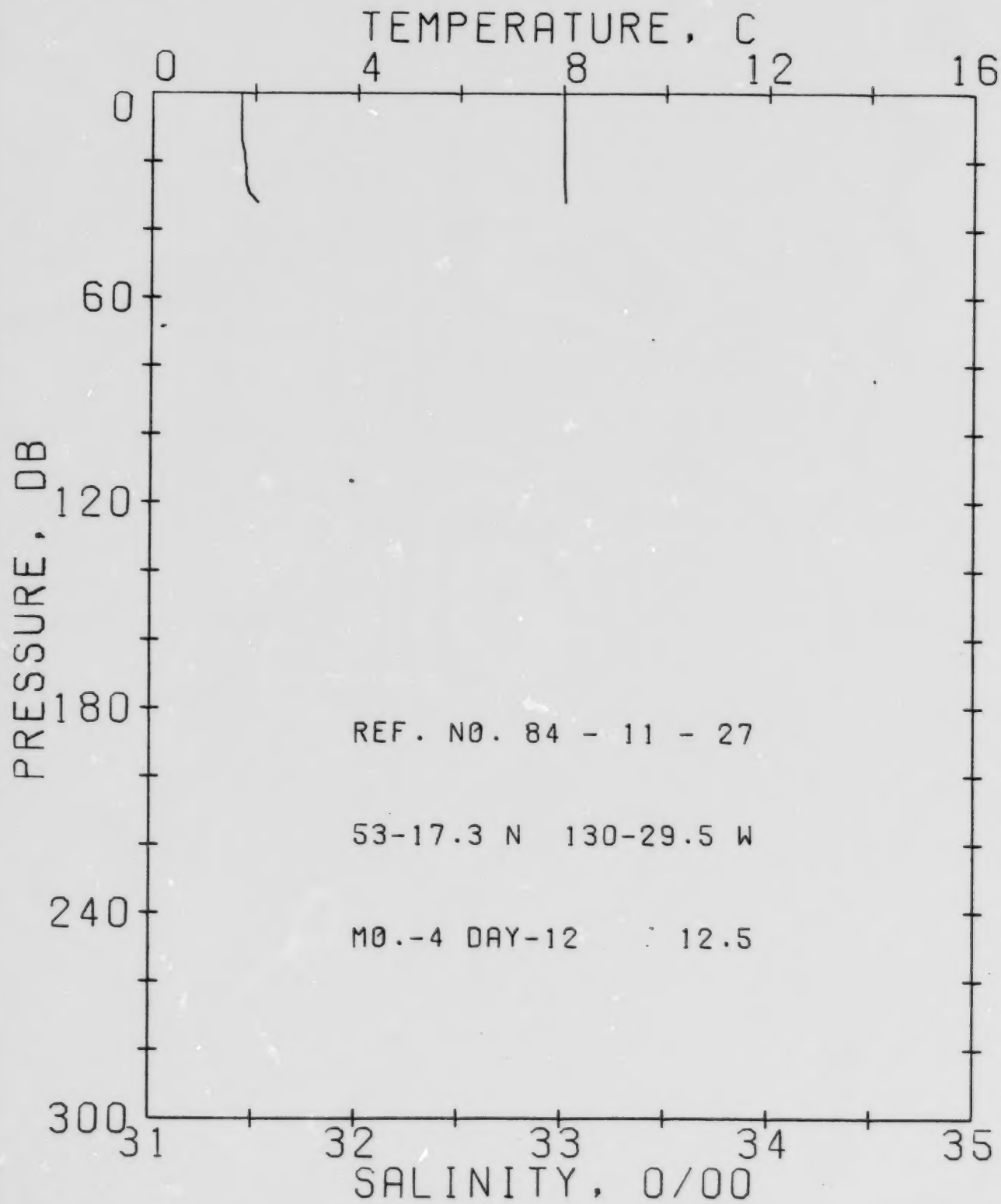
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 25 DATE 12/ 4/84
POSITION 53-16.0N, 130-37.5W GMT 11.5 STATION W 6
RESULTS OF STP CAST 139 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.02	31.42	0	24.49	345.3	.00	.00	1478.
10	8.02	31.42	10	24.49	345.1	.35	.02	1479.
20	8.06	31.53	20	24.57	338.3	.69	.07	1479.
30	8.05	31.59	30	24.62	333.2	1.02	.16	1479.
50	8.08	31.67	50	24.68	328.0	1.68	.42	1480.
75	8.04	31.75	75	24.75	321.8	2.50	.94	1480.
100	7.97	31.78	99	24.78	319.2	3.30	1.65	1480.
125	8.09	31.99	124	24.92	306.1	4.07	2.55	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 26
53-16.7 N 130-34.0 W
MO.-4 DAY-12 12.1
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 26 DATE 12/ 4/84
POSITION 53-16.7N, 130-34.0W GMT 12.1 STATION W 5
RESULTS OF STP CAST 154 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

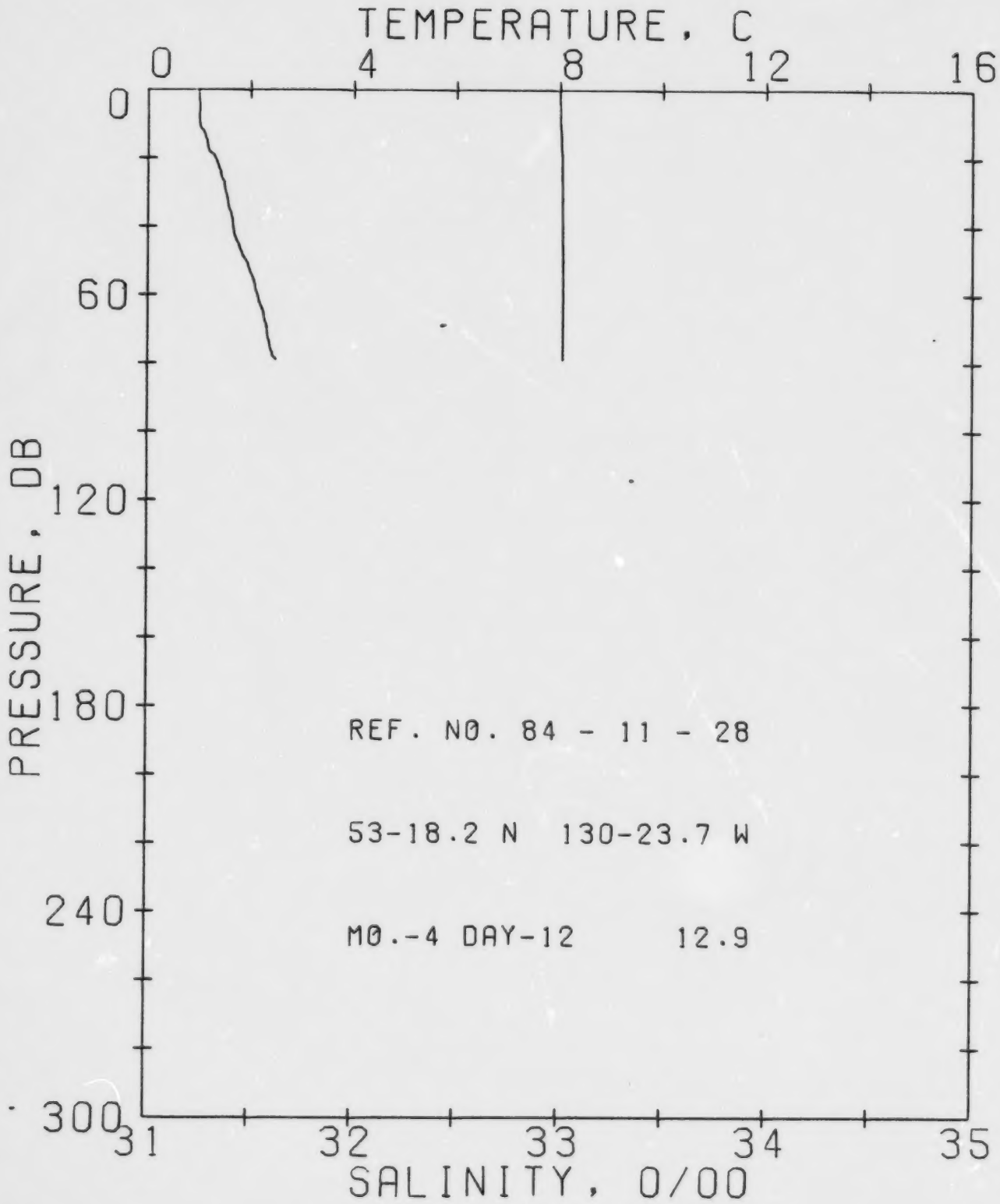
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.04	31.43	0	24.49	345.1	.00	.00	1478.
10	8.05	31.43	10	24.49	345.1	.35	.02	1479.
20	8.05	31.44	20	24.50	344.8	.69	.07	1479.
30	8.06	31.55	30	24.59	336.5	1.03	.16	1479.
50	8.06	31.71	50	24.71	325.0	1.69	.42	1480.
75	8.03	31.75	75	24.75	322.0	2.50	.94	1480.
100	8.06	31.80	99	24.78	319.3	3.30	1.65	1481.
125	8.08	31.85	124	24.81	316.1	4.09	2.56	1481.
150	8.05	32.03	149	24.96	302.7	4.87	3.66	1482.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 27
53-17.3 N 130-29.5 W
MO.-4 DAY-12 12.5
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 27 DATE 12/ 4/84
POSITION 53-17.3N, 130-29.5W GMT 12.5 STATION W 4
RESULTS OF STP CAST 33 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

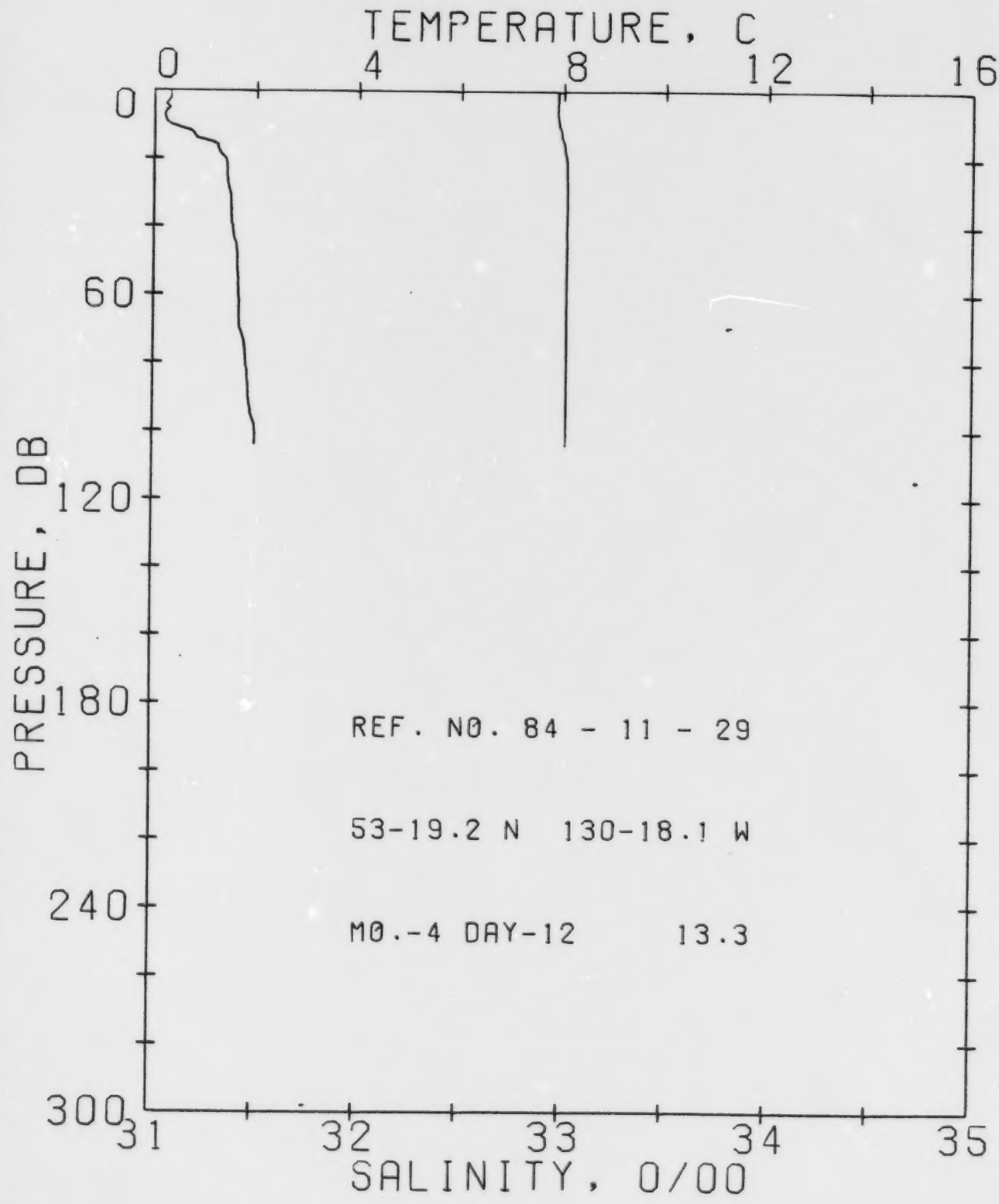
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.01	31.43	0	24.50	344.2	.00	.00	1478.
10	8.02	31.43	10	24.50	344.6	.34	.02	1479.
20	8.02	31.45	20	24.51	343.4	.69	.07	1479.
30	8.04	31.49	30	24.54	341.0	1.03	.16	1479.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		8.01	31.43	17.		8.02	31.45
1.		8.01	31.43	18.		8.02	31.45
2.		8.01	31.43	19.		8.02	31.45
3.		8.01	31.43	20.		8.02	31.45
4.		8.02	31.43	21.		8.02	31.45
5.		8.02	31.43	22.		8.02	31.45
6.		8.02	31.43	23.		8.02	31.45
7.		8.02	31.43	24.		8.02	31.45
8.		8.02	31.43	25.		8.02	31.45
9.		8.02	31.43	26.		8.03	31.46
10.		8.02	31.43	27.		8.03	31.46
11.		8.02	31.43	28.		8.04	31.47
12.		8.02	31.43	29.		8.04	31.47
13.		8.02	31.43	30.		8.04	31.49
14.		8.02	31.44	31.		8.05	31.50
15.		8.02	31.44	32.		8.05	31.52
16.		8.02	31.44				


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 28
53-18.2 N 130-23.7 W
MO.-4 DAY-12 12.9
31
32
33
34
35
SALINITY, O/OO

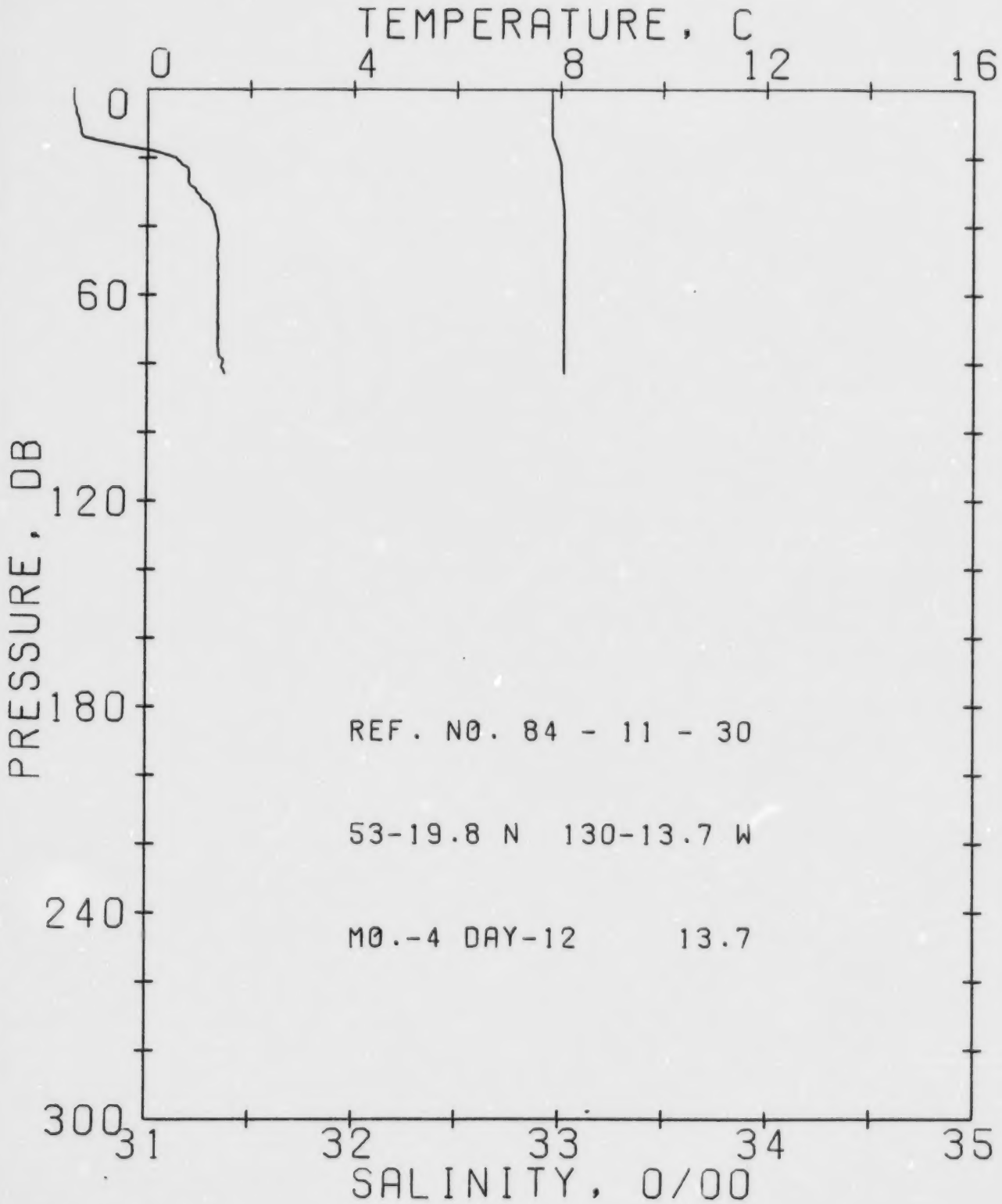
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 28 DATE 12/ 4/84
POSITION 53-18.2N, 130-23.7W GMT 12.9 STATION W 3
RESULTS OF STP CAST 80 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.00	31.25	0	24.36	357.8	.00	.00	1478.
10	8.01	31.25	10	24.36	357.9	.36	.02	1478.
20	8.05	31.33	20	24.41	352.7	.71	.07	1479.
30	8.05	31.38	30	24.45	349.1	1.06	.16	1479.
50	8.07	31.48	50	24.53	342.4	1.76	.44	1479.
75	8.07	31.59	75	24.62	334.0	2.60	.98	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 29
53-19.2 N 130-18.1 W
MO.-4 DAY-12 13.3
31
32
33
34
35
SALINITY, O/OO

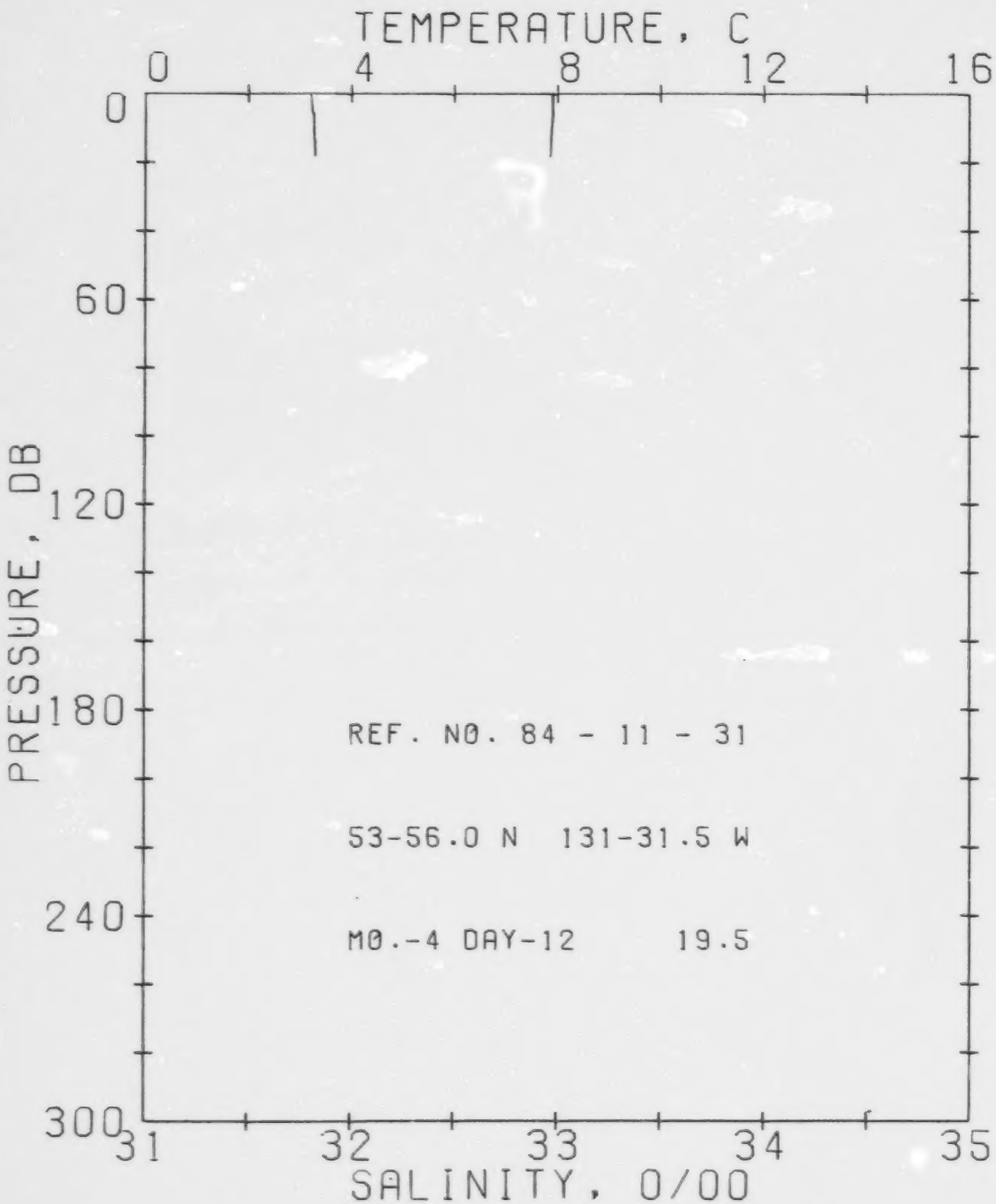
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 29 DATE 12/ 4/84
POSITION 53-19.2N, 130-18.1W GMT 13.3 STATION W 2
RESULTS OF STP CAST 105 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.89	31.08	0	24.24	368.8	.00	.00	1477.
10	7.91	31.08	10	24.24	369.2	.37	.02	1478.
20	8.06	31.35	20	24.43	351.1	.73	.07	1479.
30	8.08	31.37	30	24.44	350.1	1.08	.16	1479.
50	8.08	31.41	50	24.47	347.8	1.78	.45	1479.
75	8.08	31.44	75	24.50	345.3	2.64	1.00	1480.
100	8.08	31.50	99	24.54	341.5	3.50	1.77	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 30
53-19.8 N 130-13.7 W
MO.-4 DAY-12 13.7
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 30 DATE 12/ 4/84
POSITION 53-19.8N, 130-13.7W GMT 13.7 STATION W 1
RESULTS OF STP CAST 84 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

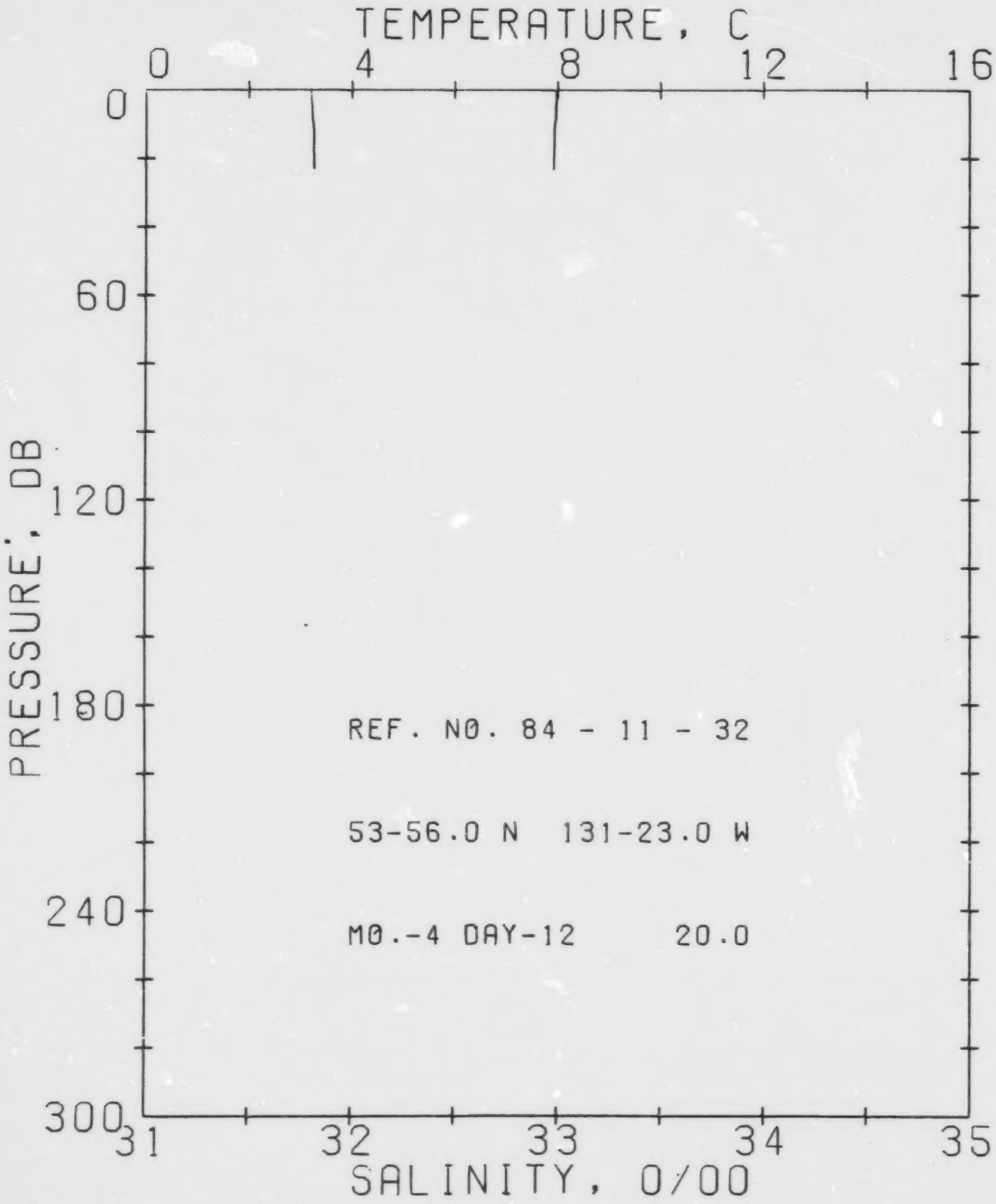
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.84	30.64	0	23.91	400.8	.00	.00	1477.
10	7.83	30.67	10	23.93	398.7	.40	.02	1477.
20	7.99	31.14	20	24.28	366.0	.79	.08	1478.
30	8.04	31.24	30	24.34	359.5	1.15	.17	1479.
50	8.08	31.34	50	24.42	352.7	1.86	.46	1479.
75	8.08	31.34	75	24.42	353.0	2.74	1.02	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 31
53-56.0 N 131-31.5 W
MO.-4 DAY-12 19.5
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 31 DATE 12/ 4/84
POSITION 53-56.0N, 131-31.5W GMT 19.5 STATION R 7
RESULTS OF STP CAST 19 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.92	31.81	0	24.81	315.0	.00	.00	1478.
10	7.89	31.82	10	24.82	313.9	.31	.02	1479.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		7.92	31.81	10.		7.89	31.82
1.		7.92	31.81	11.		7.89	31.82
2.		7.92	31.81	12.		7.89	31.82
3.		7.92	31.81	13.		7.89	31.82
4.		7.91	31.81	14.		7.88	31.82
5.		7.92	31.81	15.		7.88	31.82
6.		7.92	31.82	16.		7.88	31.82
7.		7.91	31.82	17.		7.88	31.82
8.		7.91	31.82	18.		7.88	31.82
9.		7.90	31.82				


TEMPERATURE, C
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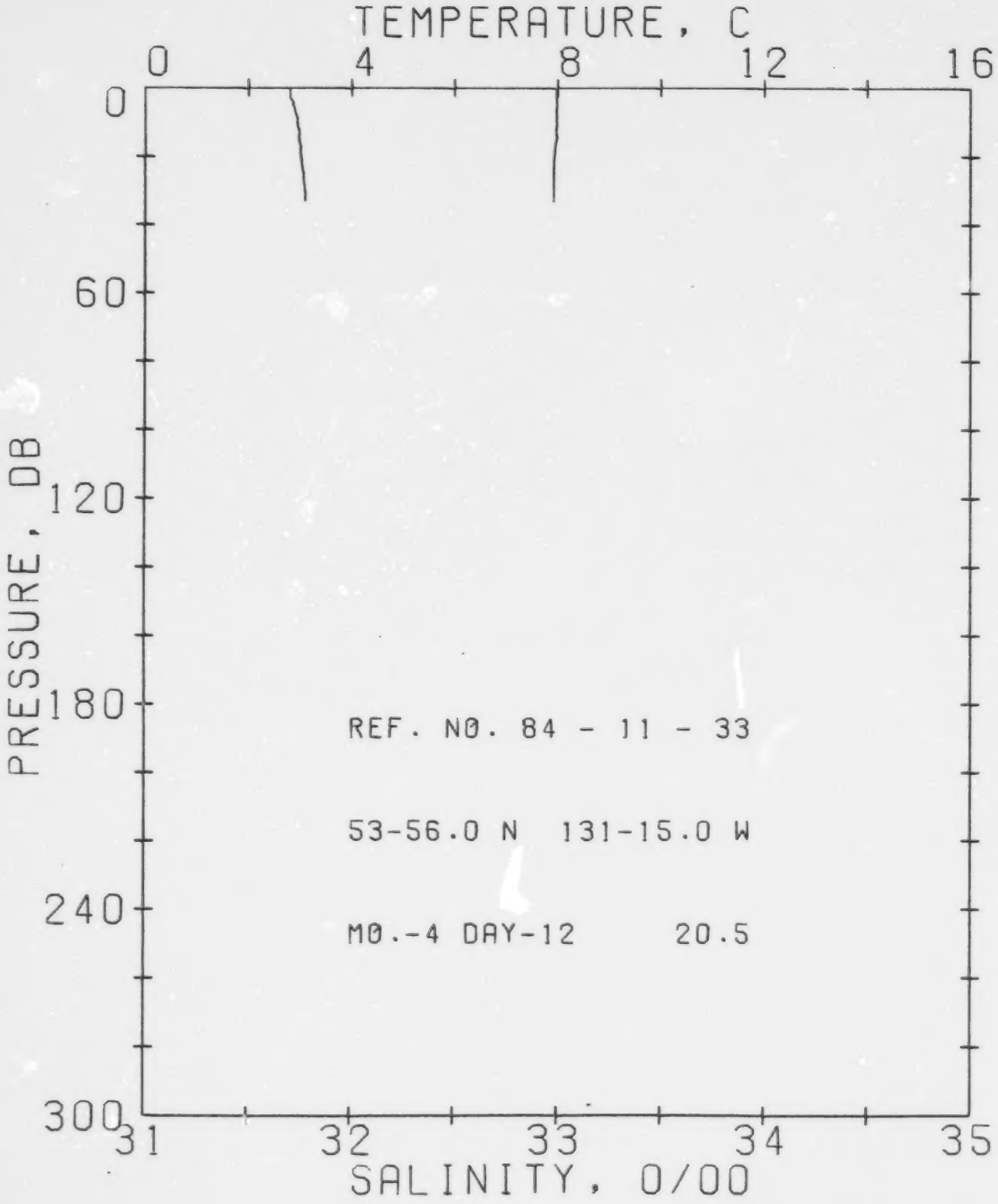
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 32
53-56.0 N 131-23.0 W
MO.-4 DAY-12 20.0
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 32 DATE 12/ 4/84
POSITION 53-56.0N, 131-23.0W GMT 20.0 STATION R 6
RESULTS OF STP CAST 24 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.99	31.80	0	24.79	316.3	.00	.00	1479.
10	7.95	31.82	10	24.81	315.1	.32	.02	1479.
20	7.94	31.82	20	24.81	315.0	.63	.06	1479.

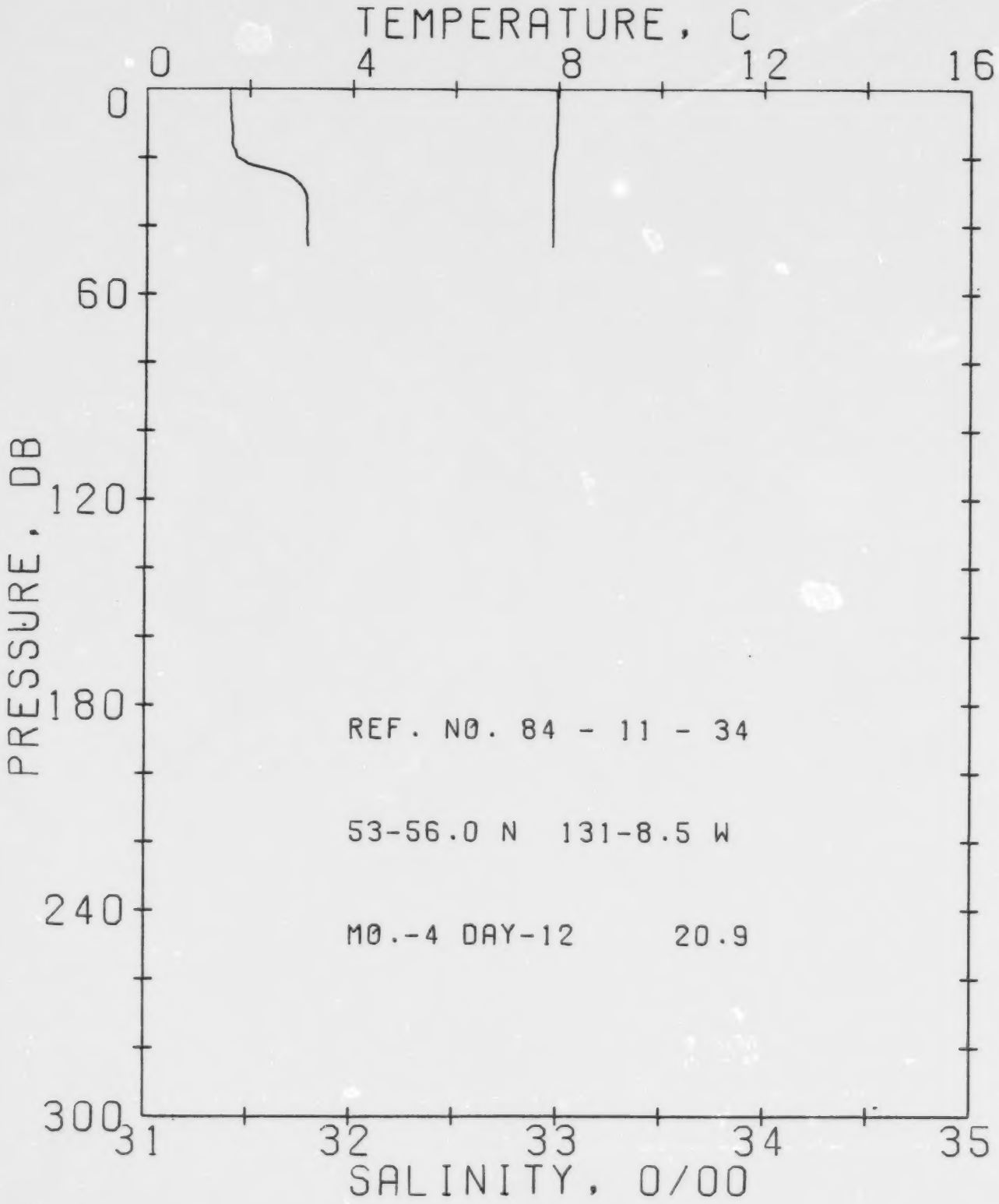
PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		7.99	31.80	12.		7.94	31.82
1.		7.99	31.80	13.		7.94	31.81
2.		7.99	31.80	14.		7.94	31.81
3.		7.99	31.80	15.		7.94	31.81
4.		7.99	31.81	16.		7.94	31.81
5.		7.98	31.81	17.		7.94	31.81
6.		7.98	31.81	18.		7.94	31.81
7.		7.97	31.81	19.		7.94	31.82
8.		7.97	31.81	20.		7.94	31.82
9.		7.97	31.81	21.		7.94	31.82
10.		7.95	31.82	22.		7.94	31.82
11.		7.95	31.81	23.		7.94	31.82


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 33
53-56.0 N 131-15.0 W
MO.-4 DAY-12 20.5
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 33 DATE 12/ 4/84
POSITION 53-56.0N, 131-15.0W GMT 20.5 STATION R 5
RESULTS OF STP CAST 34 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.99	31.70	0	24.72	323.8	.00	.00	1479.
10	8.00	31.74	10	24.74	321.5	.32	.02	1479.
20	7.94	31.76	20	24.76	319.4	.64	.07	1479.
30	7.93	31.77	30	24.78	318.2	.96	.15	1479.

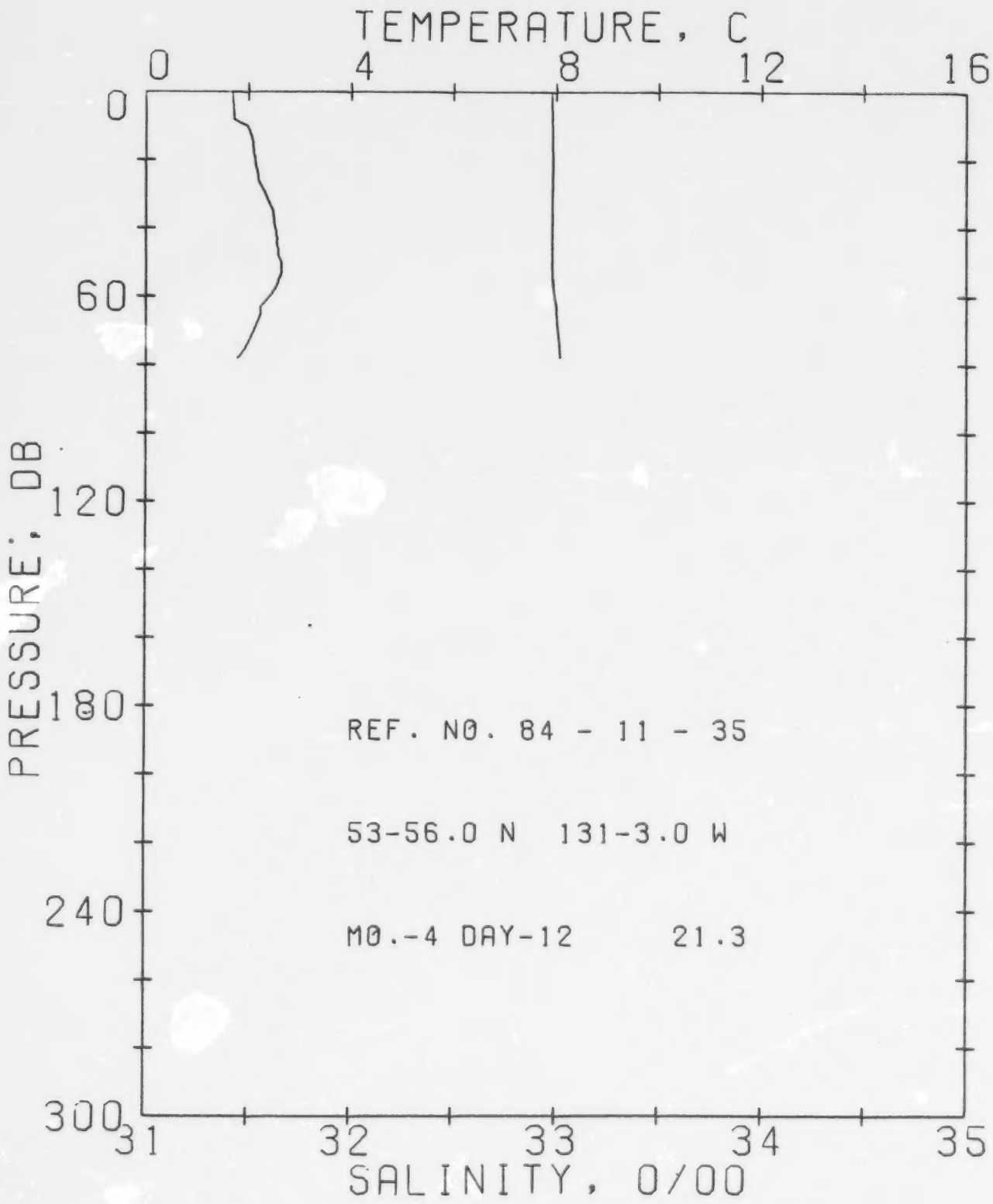
PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		7.99	31.70	17.		7.96	31.76
1.		7.99	31.70	18.		7.95	31.75
2.		7.99	31.70	19.		7.95	31.75
3.		7.99	31.70	20.		7.94	31.76
4.		7.99	31.72	21.		7.94	31.76
5.		7.99	31.72	22.		7.94	31.76
6.		7.98	31.73	23.		7.93	31.76
7.		7.99	31.73	24.		7.93	31.76
8.		7.99	31.73	25.		7.93	31.77
9.		7.99	31.74	26.		7.93	31.77
10.		8.00	31.74	27.		7.93	31.77
11.		7.99	31.74	28.		7.93	31.77
12.		7.97	31.75	29.		7.93	31.77
13.		7.98	31.75	30.		7.93	31.77
14.		7.99	31.74	31.		7.93	31.78
15.		7.98	31.75	32.		7.93	31.77
16.		7.97	31.75	33.		7.93	31.77


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 34
53-56.0 N 131-8.5 W
MO.-4 DAY-12 20.9
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 34 DATE 12/ 4/84
POSITION 53-56.0N, 131- 8.5W GMT 20.9 STATION R 4
RESULTS OF STP CAST 47 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

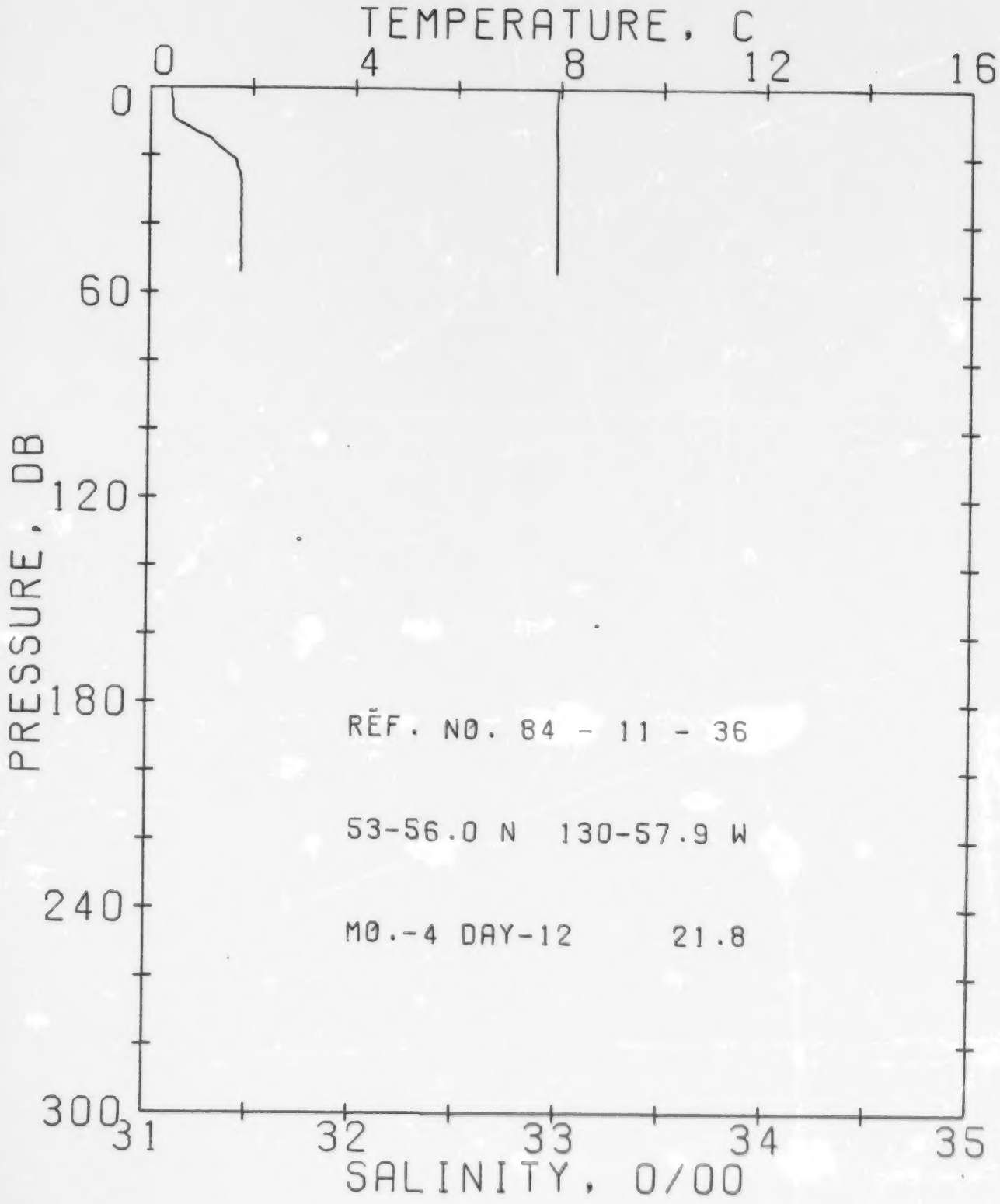
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.98	31.41	0	24.48	345.9	.00	.00	1478.
10	7.98	31.41	10	24.49	345.5	.35	.02	1478.
20	7.93	31.44	20	24.51	343.2	.69	.07	1478.
30	7.90	31.77	30	24.78	318.2	1.02	.15	1479.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		7.98	31.41	24.		7.91	31.63
1.		7.98	31.41	25.		7.90	31.68
2.		7.98	31.41	26.		7.90	31.71
3.		7.98	31.41	27.		7.90	31.73
4.		7.98	31.40	28.		7.90	31.75
5.		7.98	31.41	29.		7.90	31.76
6.		7.98	31.40	30.		7.90	31.77
7.		7.98	31.41	31.		7.90	31.77
8.		7.98	31.41	32.		7.90	31.78
9.		7.98	31.41	33.		7.90	31.77
10.		7.98	31.41	34.		7.90	31.78
11.		7.97	31.42	35.		7.90	31.78
12.		7.97	31.42	36.		7.90	31.78
13.		7.97	31.42	37.		7.90	31.78
14.		7.97	31.41	38.		7.90	31.78
15.		7.97	31.41	39.		7.90	31.78
16.		7.97	31.41	40.		7.90	31.78
17.		7.97	31.42	41.		7.90	31.77
18.		7.95	31.43	42.		7.90	31.78
19.		7.93	31.43	43.		7.90	31.78
20.		7.93	31.44	44.		7.90	31.78
21.		7.93	31.47	45.		7.90	31.78
22.		7.92	31.49	46.		7.90	31.78
23.		7.91	31.56				


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 35
53-56.0 N 131-3.0 W
MO.-4 DAY-12 21.3
31
32
33
34
35
SALINITY, O/OO

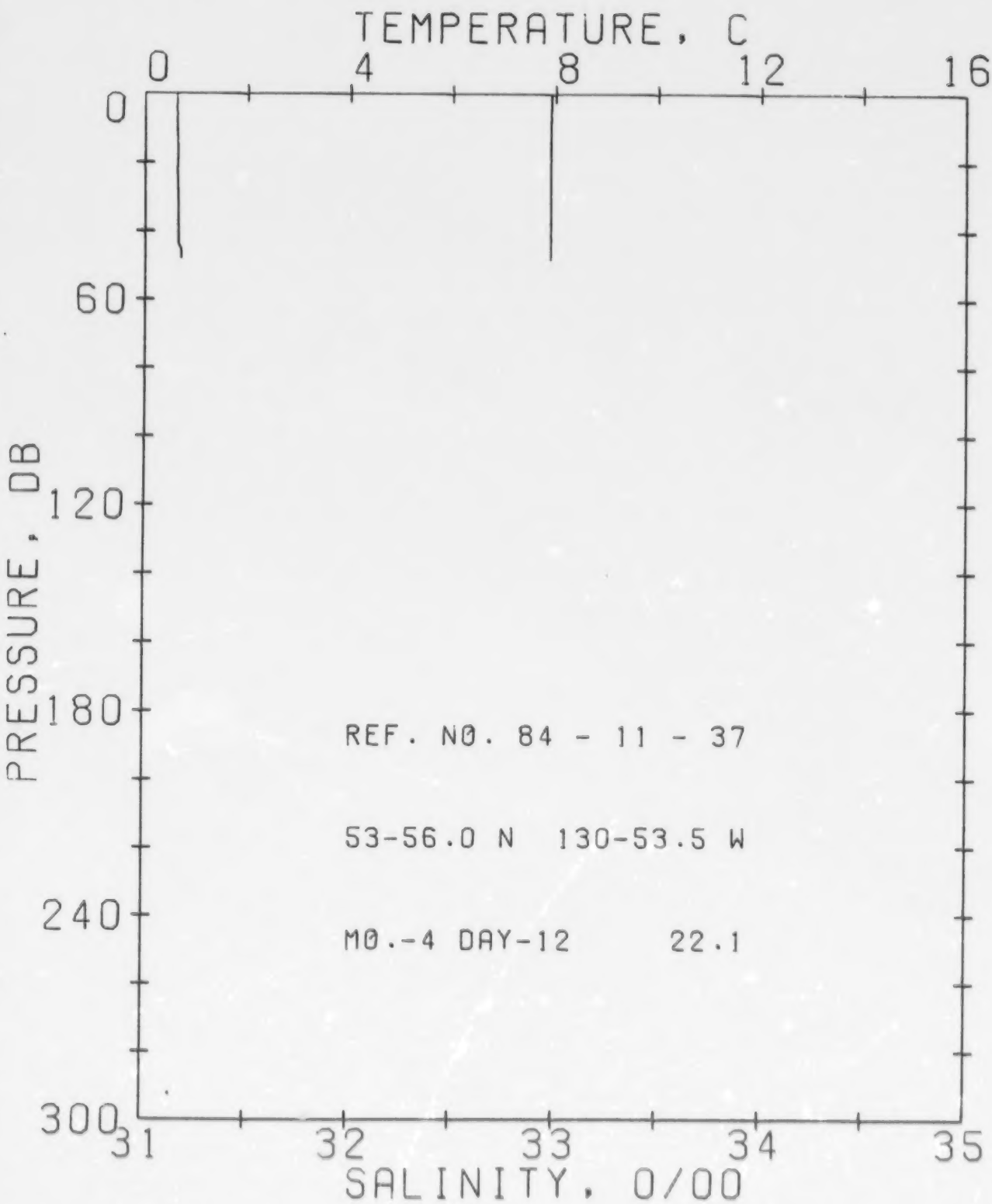
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 35 DATE 12/ 4/84
POSITION 53-56.0N, 131- 3.0W GMT 21.3 STATION R 3
RESULTS OF STP CAST 60 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.93	31.43	0	24.51	343.6	.00	.00	1478.
10	7.94	31.50	10	24.56	338.5	.34	.02	1478.
20	7.94	31.53	20	24.59	336.2	.68	.07	1479.
30	7.93	31.58	30	24.63	332.3	1.01	.15	1479.
50	7.93	31.66	50	24.69	326.9	1.67	.42	1479.
75	8.07	31.48	75	24.53	342.5	2.51	.96	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 36
53-56.0 N 130-57.9 W
MO.-4 DAY-12 21.8
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 36 DATE 12/ 4/84
POSITION 53-56.0N, 130-57.9W GMT 21.8 STATION R 2
RESULTS OF STP CAST 55 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

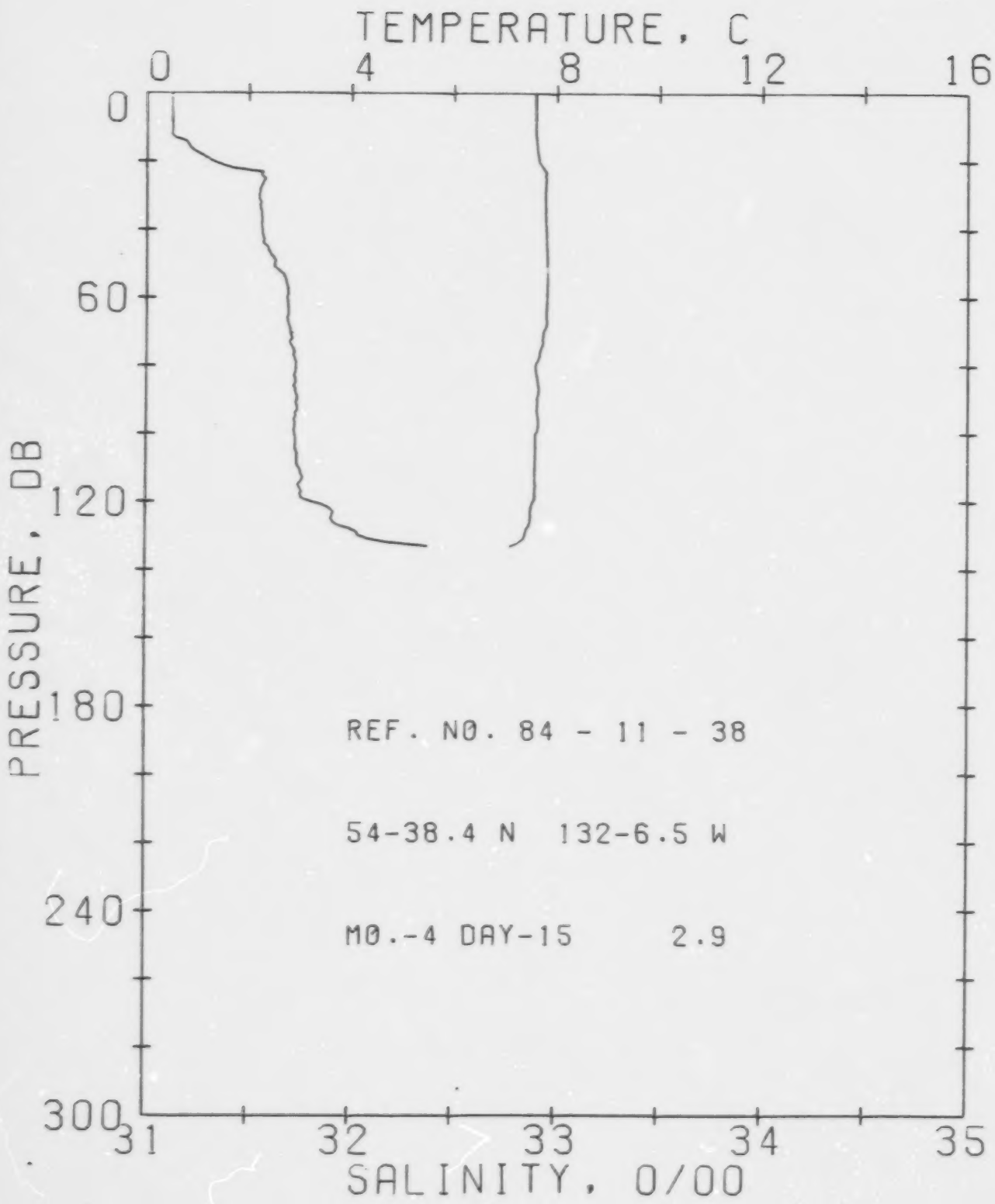
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.94	31.10	0	24.25	367.8	.00	.00	1478.
10	7.92	31.14	10	24.28	365.1	.37	.02	1478.
20	7.94	31.39	20	24.48	346.6	.72	.07	1478.
30	7.94	31.45	30	24.52	342.7	1.07	.16	1479.
50	7.94	31.45	50	24.52	342.9	1.75	.44	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 37
53-56.0 N 130-53.5 W
MO.-4 DAY-12 22.1
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 37 DATE 12/ 4/84
POSITION 53-56.0N, 130-53.5W GMT 22.1 STATION R 1
RESULTS OF STP CAST 49 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

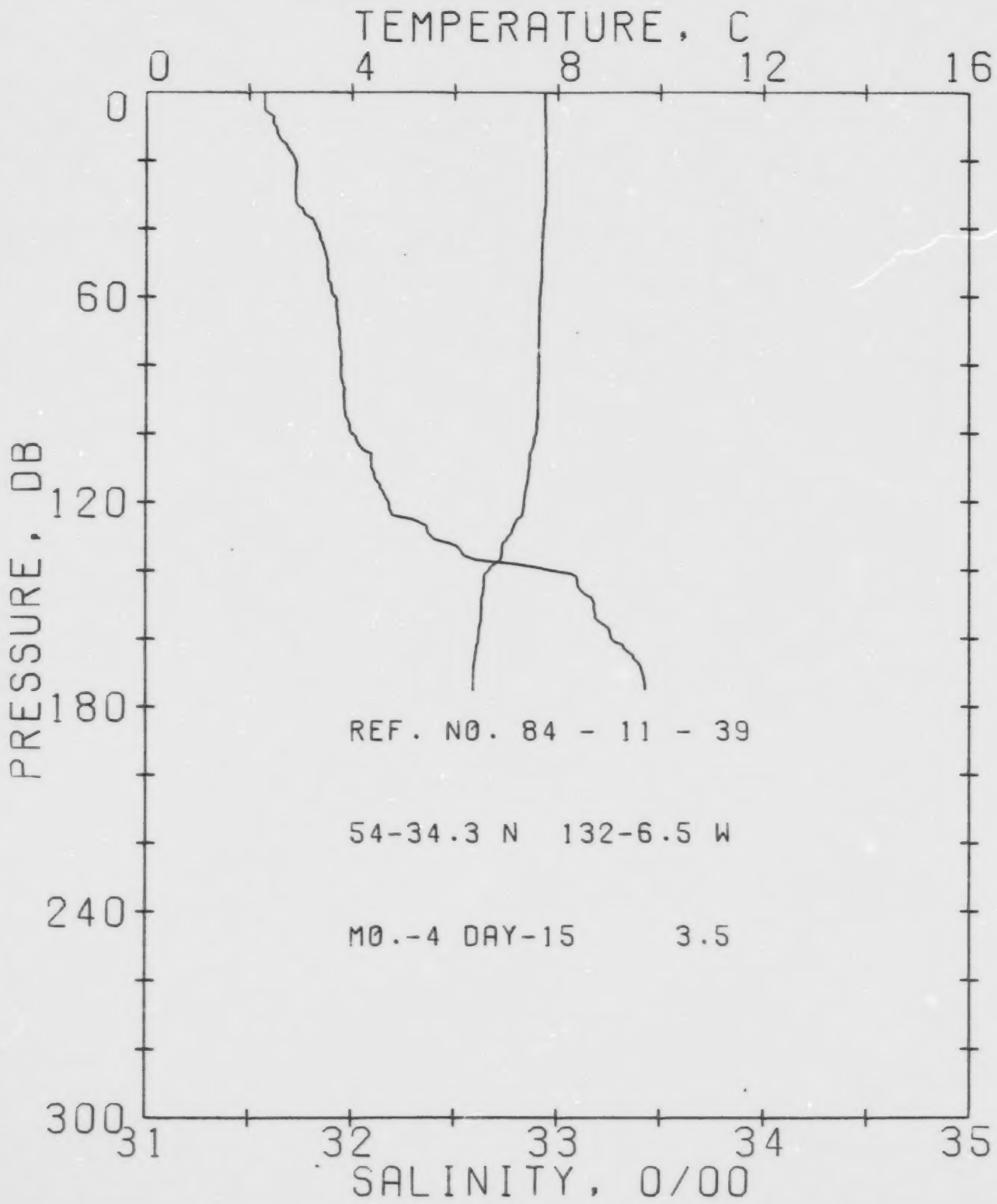
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.92	31.16	0	24.30	363.6	.00	.00	1478.
10	7.91	31.16	10	24.30	363.5	.36	.02	1478.
20	7.90	31.16	20	24.30	363.5	.73	.07	1478.
30	7.90	31.16	30	24.30	363.6	1.09	.17	1478.
50	7.90	31.17	50	24.31	362.6	1.82	.46	1478.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		7.92	31.16	25.		7.90	31.16
1.		7.92	31.16	26.		7.90	31.16
2.		7.92	31.16	27.		7.90	31.16
3.		7.92	31.16	28.		7.90	31.16
4.		7.92	31.15	29.		7.90	31.16
5.		7.91	31.16	30.		7.90	31.16
6.		7.92	31.16	31.		7.90	31.16
7.		7.92	31.16	32.		7.90	31.16
8.		7.91	31.16	33.		7.90	31.16
9.		7.91	31.16	34.		7.90	31.16
10.		7.91	31.16	35.		7.90	31.16
11.		7.91	31.16	36.		7.90	31.16
12.		7.91	31.16	37.		7.90	31.16
13.		7.91	31.16	38.		7.90	31.16
14.		7.91	31.16	39.		7.90	31.16
15.		7.91	31.16	40.		7.90	31.16
16.		7.91	31.16	41.		7.90	31.16
17.		7.91	31.16	42.		7.90	31.16
18.		7.91	31.16	43.		7.90	31.16
19.		7.91	31.16	44.		7.90	31.16
20.		7.90	31.16	45.		7.90	31.17
21.		7.90	31.16	46.		7.90	31.18
22.		7.90	31.16	47.		7.90	31.17
23.		7.90	31.16	48.		7.90	31.17
24.		7.90	31.16				


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 38
54-38.4 N 132-6.5 W
MO.-4 DAY-15 2.9
31
32
33
34
35
SALINITY, O/OO

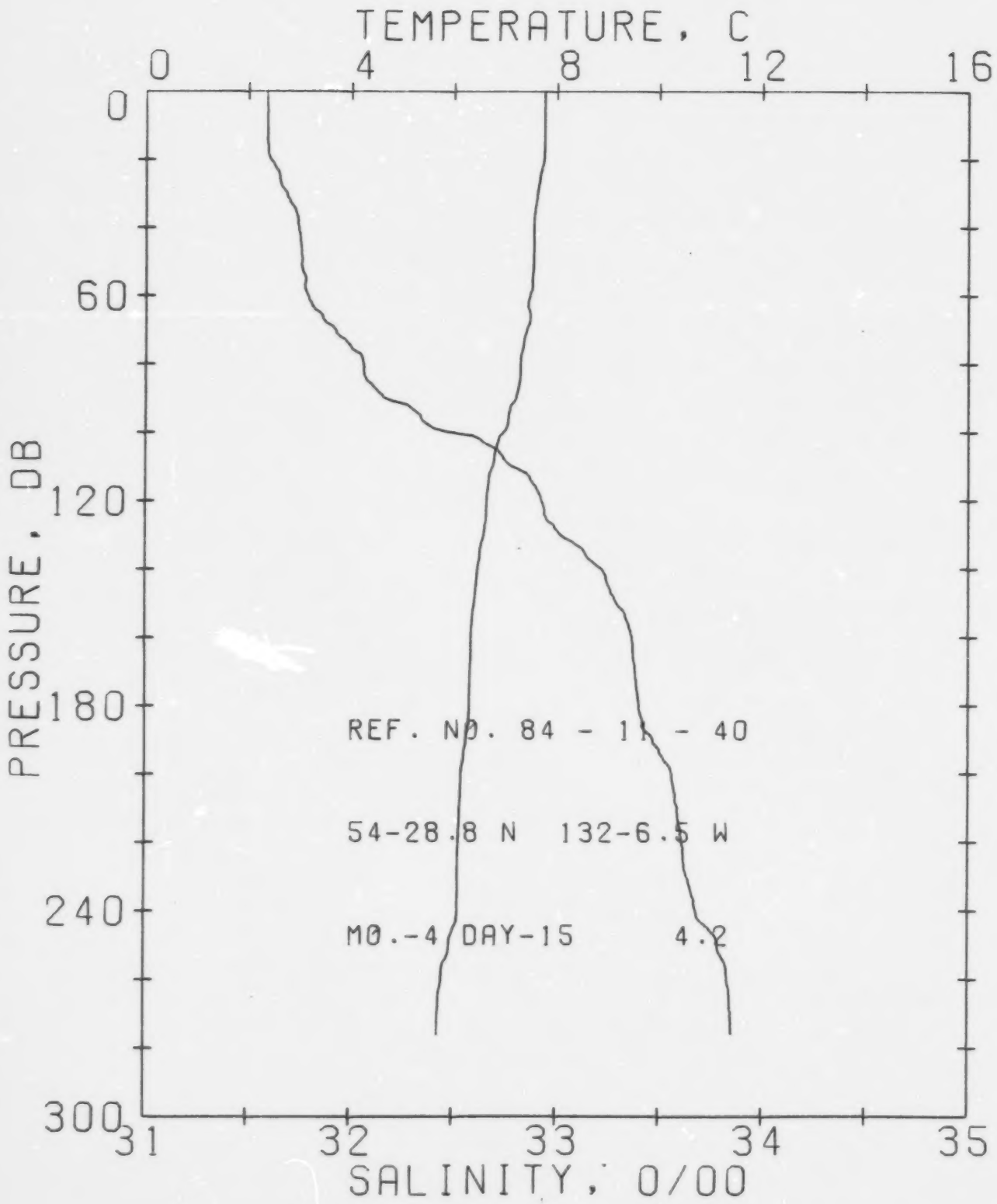
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 38 DATE 15/ 4/84
POSITION 54-38.4N, 132- 6.5W GMT 2.9 STATION QC55
RESULTS OF STP CAST 134 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.59	31.13	0	24.32	361.6	.00	.00	1476.
10	7.58	31.13	10	24.32	361.6	.36	.02	1476.
20	7.65	31.33	20	24.47	347.5	.72	.07	1477.
30	7.78	31.55	30	24.62	333.0	1.05	.16	1478.
50	7.82	31.62	50	24.68	328.0	1.72	.43	1479.
75	7.70	31.72	75	24.77	319.7	2.52	.94	1479.
100	7.60	31.72	99	24.79	318.5	3.32	1.65	1479.
125	7.51	31.90	124	24.94	304.3	4.11	2.55	1479.


TEMPERATURE, C
0
4
8
12
16
PRESSURE, DB
0
60
120
180
240
300
REF. NO. 84 - 11 - 39
54-34.3 N 132-6.5 W
MO.-4 DAY-15 3.5
31
32
33
34
35
SALINITY, O/OO

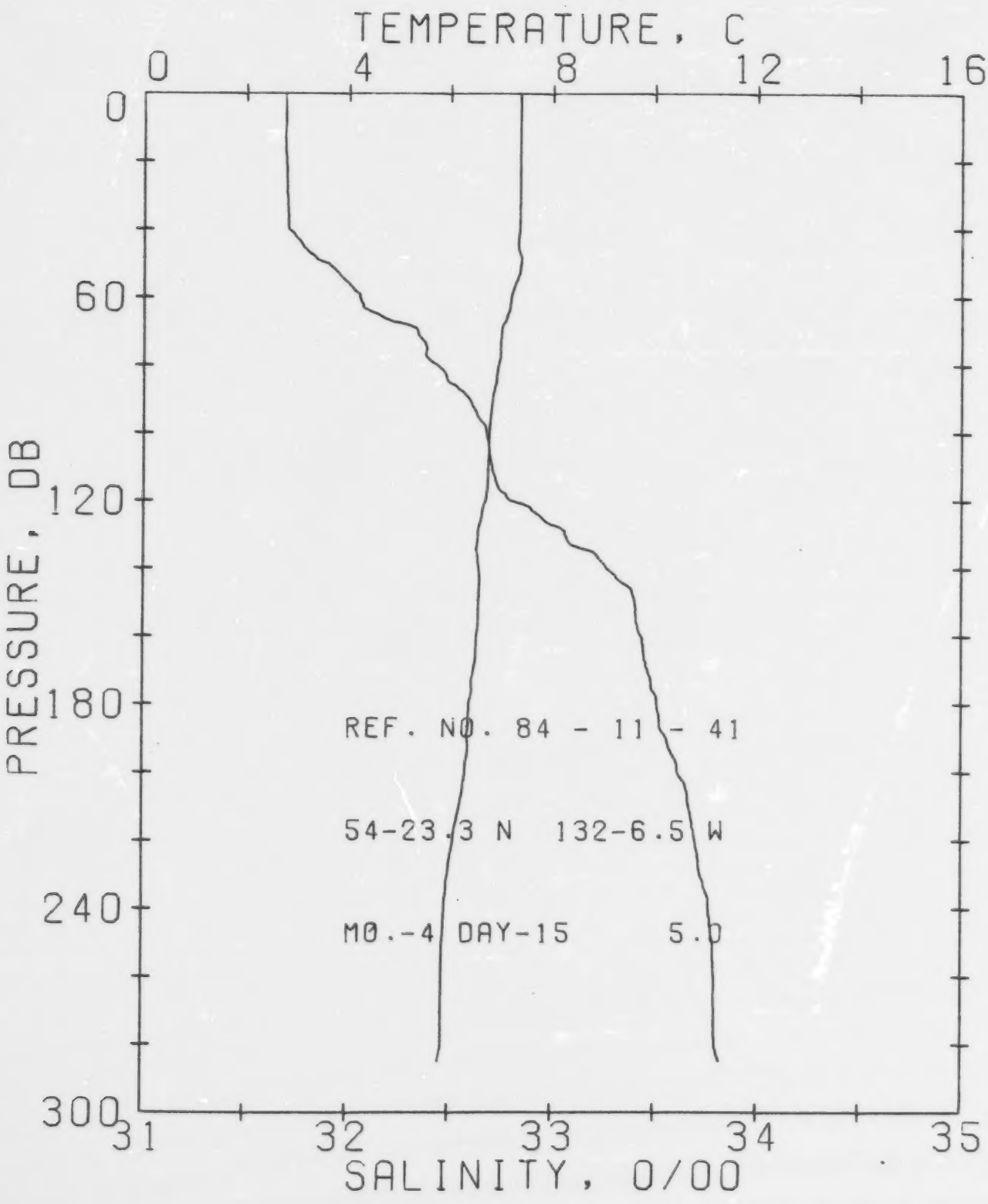
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 39 DATE 15/ 4/84
POSITION 54-34.3N, 132- 6.5W GMT 3.5 STATION QC56
RESULTS OF STP CAST 176 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.75	31.58	0	24.65	330.1	.00	.00	1478.
10	7.77	31.63	10	24.69	326.2	.33	.02	1478.
20	7.77	31.73	20	24.76	319.4	.65	.07	1478.
30	7.77	31.72	30	24.76	319.8	.97	.15	1478.
50	7.70	31.88	50	24.90	307.2	1.60	.40	1479.
75	7.64	31.94	75	24.95	302.2	2.36	.89	1479.
100	7.59	32.00	99	25.01	297.5	3.11	1.56	1479.
125	7.22	32.30	124	25.29	270.7	3.83	2.38	1478.
150	6.52	33.18	149	26.07	196.5	4.41	3.18	1477.
175	6.36	33.42	174	26.29	176.6	4.87	3.95	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 40
54-28.8 N 132-6.5 W
MO.-4 DAY-15 4.2
31
32
33
34
35
SALINITY, O/OO

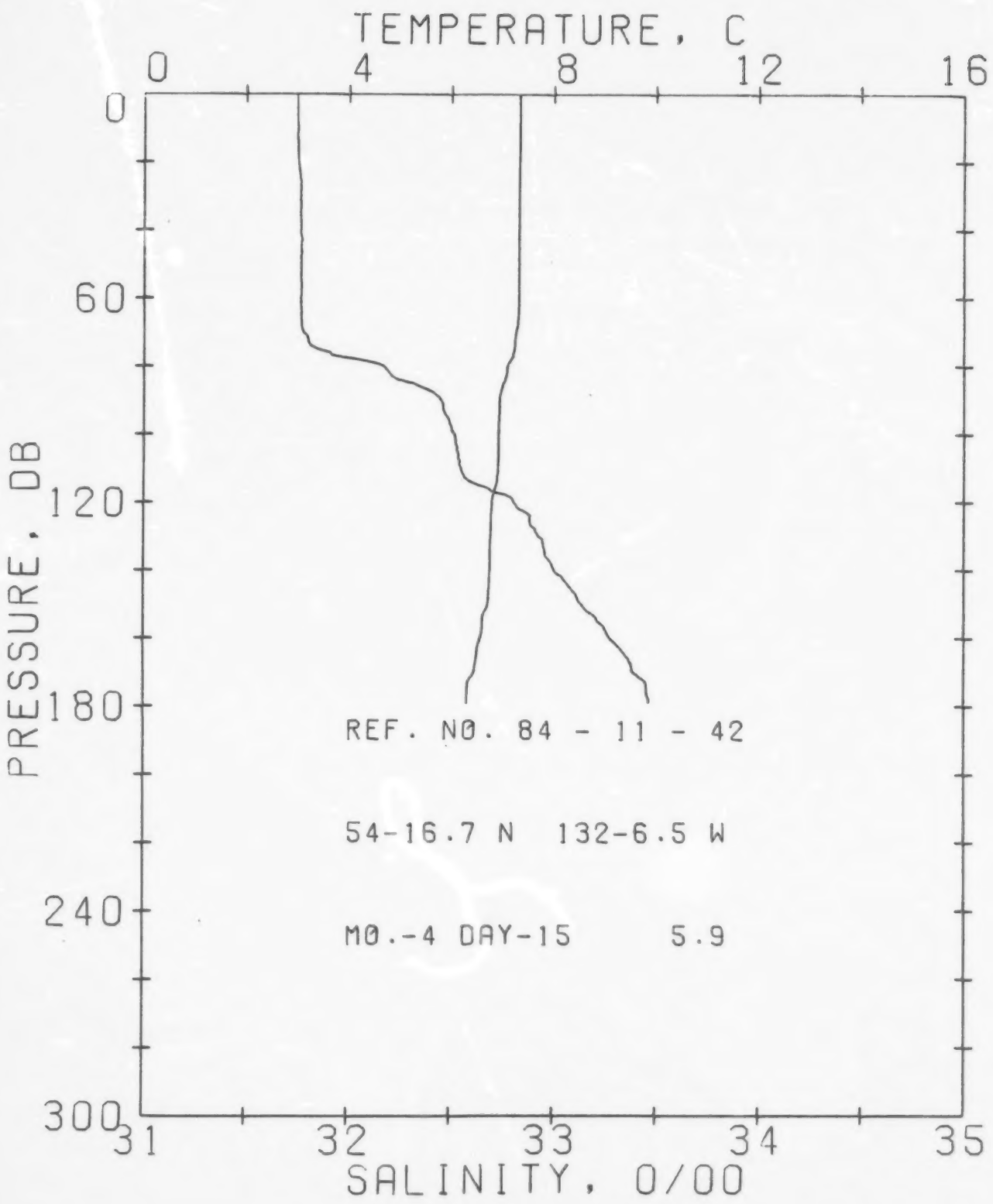
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 40 DATE 15/ 4/84
POSITION 54-28.8N, 132- 6.5W GMT 4.2 STATION QC57
RESULTS OF STP CAST 277 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.77	31.59	0	24.66	329.2	.00	.00	1478.
10	7.76	31.59	10	24.66	329.2	.33	.02	1478.
20	7.75	31.61	20	24.67	328.0	.66	.07	1478.
30	7.62	31.69	30	24.75	320.4	.98	.15	1478.
50	7.55	31.76	50	24.82	314.5	1.61	.41	1478.
75	7.36	32.00	75	25.04	294.2	2.38	.90	1478.
100	6.98	32.48	99	25.46	254.0	3.08	1.52	1477.
125	6.63	32.95	124	25.88	214.8	3.65	2.16	1477.
150	6.40	33.29	149	26.18	186.6	4.14	2.86	1477.
175	6.32	33.39	174	26.27	178.6	4.60	3.60	1477.
200	6.16	33.56	199	26.42	164.1	5.03	4.43	1477.
225	6.10	33.62	223	26.47	159.5	5.43	5.30	1477.
250	5.94	33.78	248	26.62	145.5	5.82	6.24	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 41
54-23.3 N 132-6.5 W
MO.-4 DAY-15 5.0
31
32
33
34
35
SALINITY, O/OO

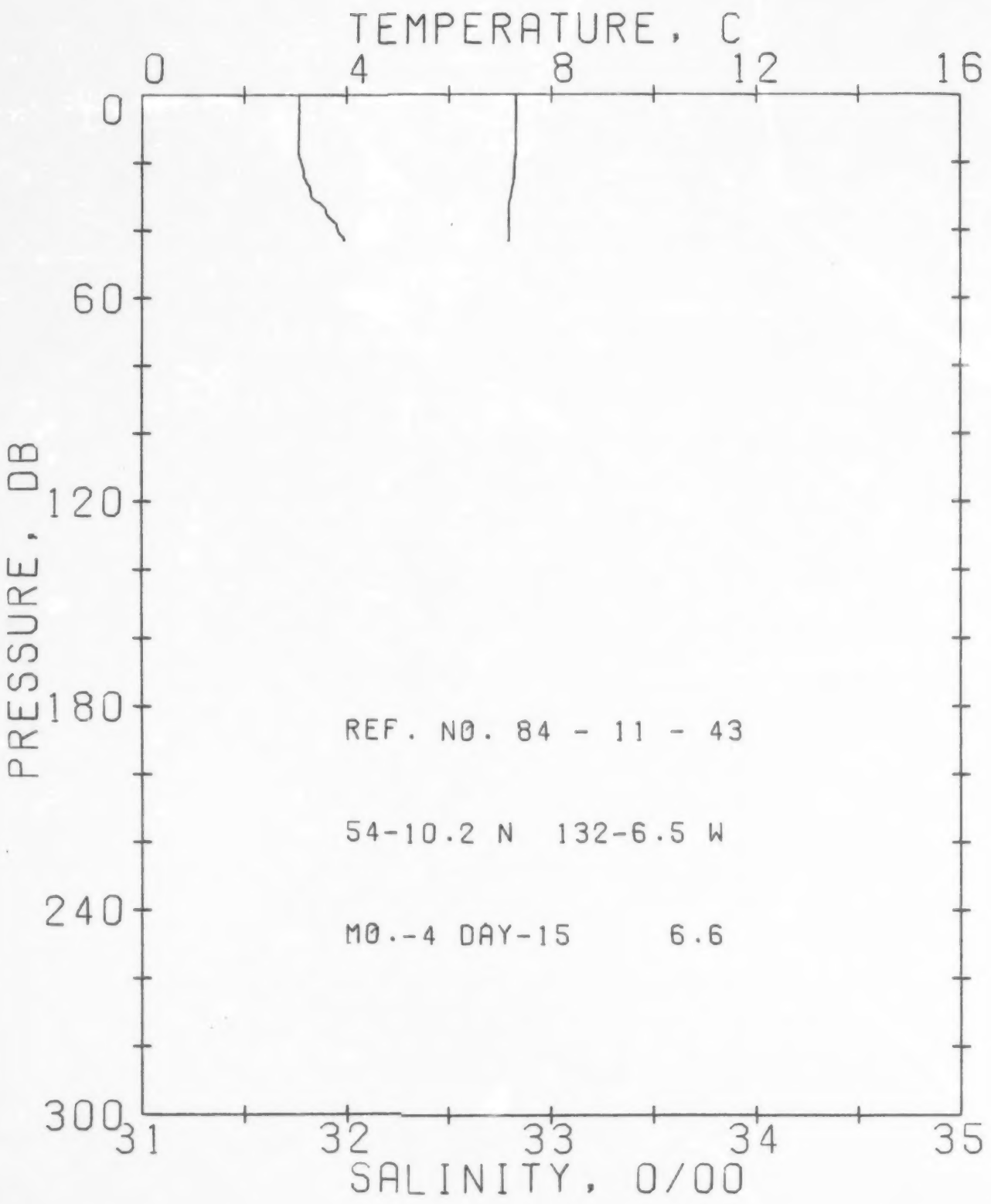
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 41 DATE 15/ 4/84
POSITION 54-23.3N, 132- 6.5W GMT 5.0 STATION QC58
RESULTS OF STP CAST 286 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.36	31.69	0	24.79	316.4	.00	.00	1476.
10	7.36	31.69	10	24.79	316.6	.32	.02	1476.
20	7.36	31.69	20	24.79	316.5	.63	.06	1476.
30	7.36	31.70	30	24.80	316.2	.95	.15	1477.
50	7.39	31.90	50	24.96	301.5	1.57	.40	1477.
75	6.98	32.39	75	25.39	260.6	2.28	.85	1477.
100	6.77	32.68	99	25.65	236.3	2.90	1.40	1477.
125	6.62	32.95	124	25.88	214.5	3.48	2.06	1477.
150	6.56	33.41	149	26.24	180.3	3.96	2.74	1478.
175	6.44	33.48	174	26.32	173.1	4.40	3.47	1478.
200	6.31	33.61	199	26.44	162.2	4.82	4.27	1478.
225	6.02	33.71	223	26.56	151.4	5.21	5.11	1477.
250	5.87	33.79	248	26.63	144.5	5.58	6.00	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 42
54-16.7 N 132-6.5 W
MO.-4 DAY-15 5.9
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 42 DATE 15/ 4/84
POSITION 54-16.7N, 132- 6.5W GMT 5.9 STATION QC59
RESULTS OF STP CAST 180 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

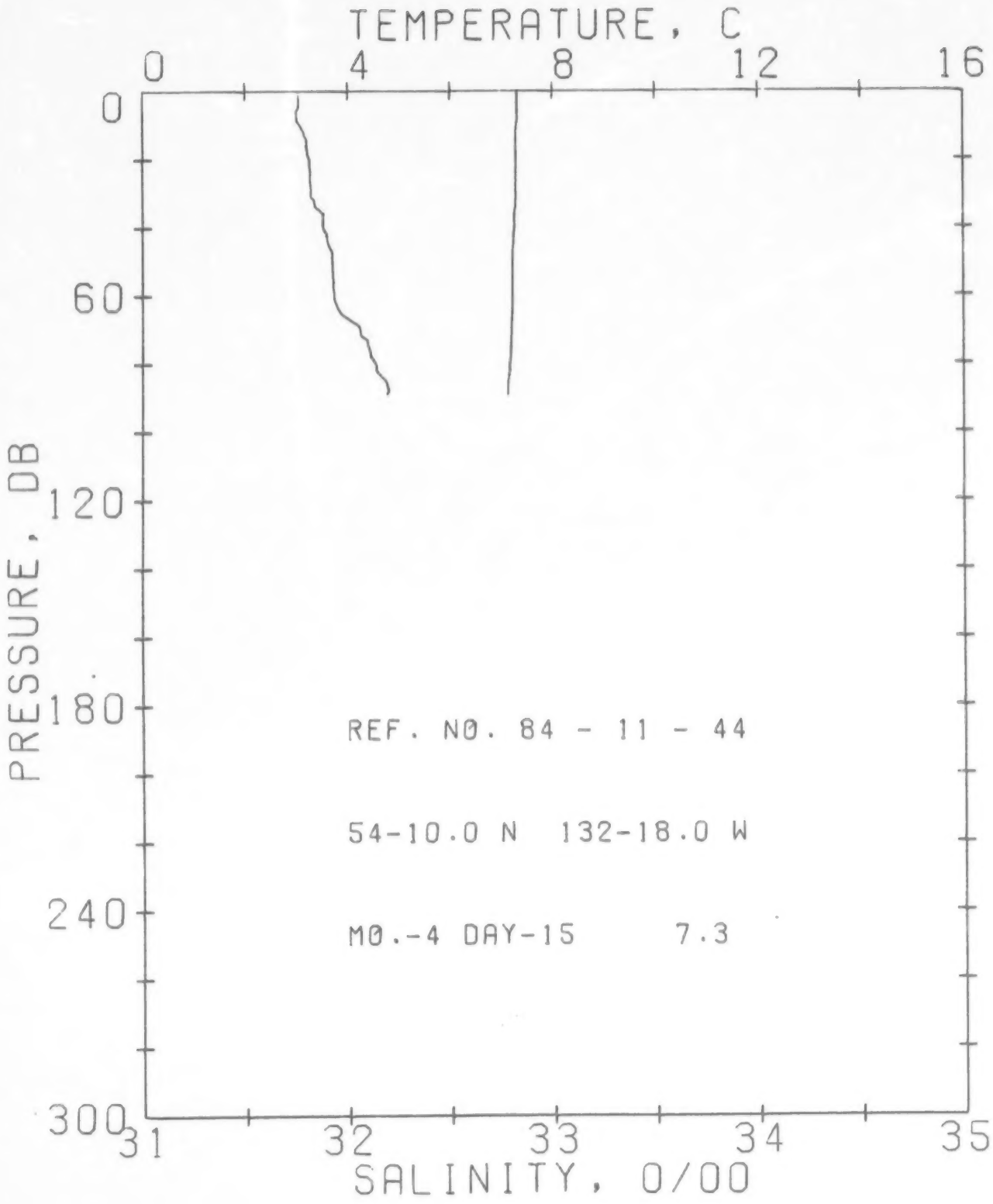
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.33	31.75	0	24.84	311.8	.00	.00	1476.
10	7.33	31.75	10	24.84	311.7	.31	.02	1476.
20	7.33	31.75	20	24.85	311.5	.62	.06	1476.
30	7.33	31.76	30	24.85	310.9	.93	.14	1477.
50	7.32	31.76	50	24.86	311.1	1.56	.40	1477.
75	7.24	31.84	75	24.93	304.3	2.33	.89	1477.
100	6.93	32.52	99	25.50	250.5	3.00	1.48	1477.
125	6.78	32.88	124	25.81	221.6	3.60	2.17	1477.
150	6.72	33.13	149	26.01	202.6	4.13	2.91	1478.
175	6.32	33.45	174	26.31	174.0	4.60	3.69	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 43
54-10.2 N 132-6.5 W
MO.-4 DAY-15 6.6
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 43 DATE 15/ 4/84
POSITION 54-10.2N, 132- 6.5W GMT 6.6 STATION QC60
RESULTS OF STP CAST 44 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

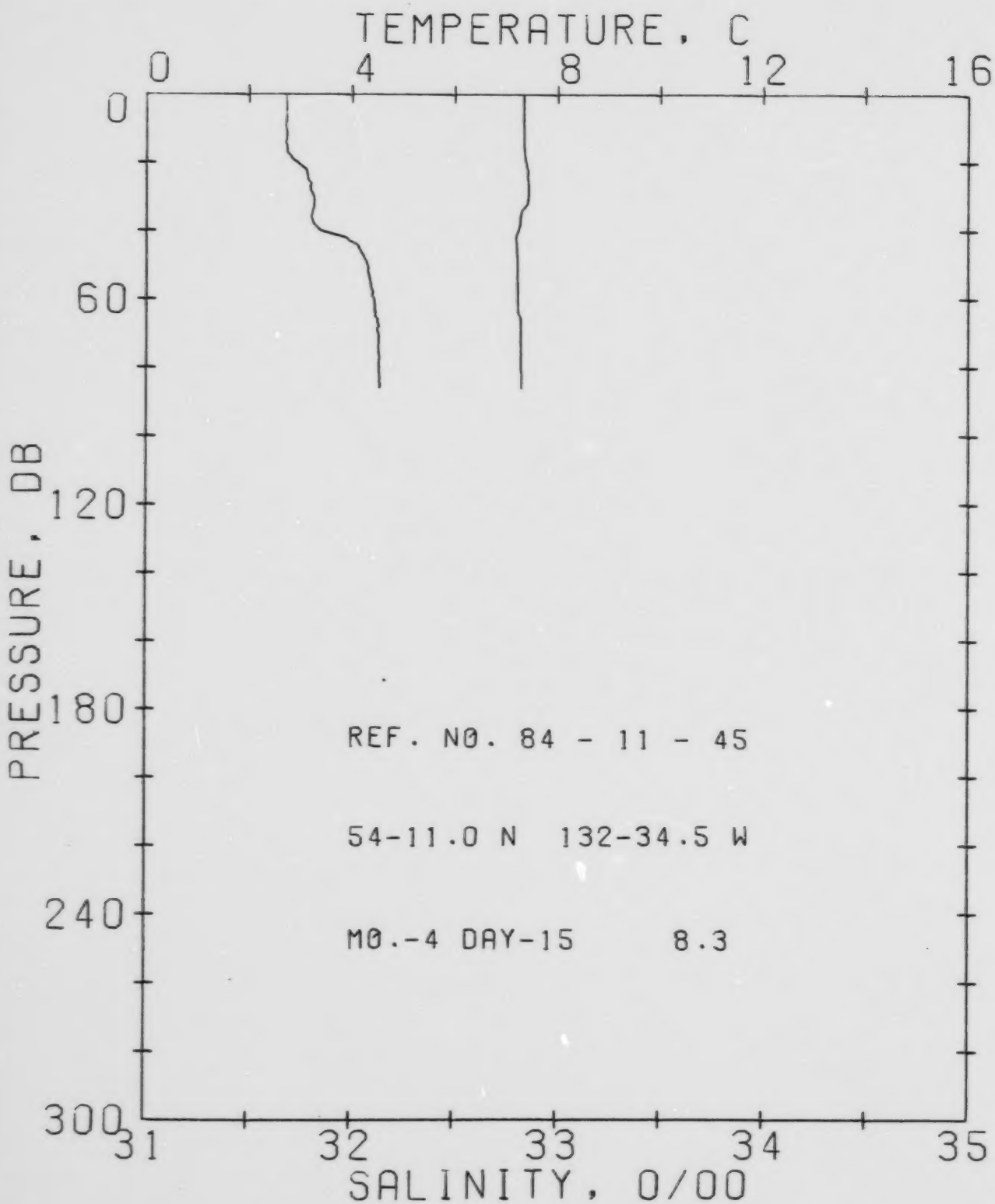
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.31	31.77	0	24.86	309.8	.00	.00	1476.
10	7.31	31.77	10	24.86	310.3	.31	.02	1476.
20	7.29	31.78	20	24.87	309.0	.62	.06	1476.
30	7.22	31.83	30	24.92	304.9	.93	.14	1476.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		7.31	31.77	22.		7.28	31.79
1.		7.31	31.77	23.		7.28	31.79
2.		7.31	31.77	24.		7.28	31.79
3.		7.31	31.77	25.		7.27	31.80
4.		7.31	31.77	26.		7.26	31.81
5.		7.32	31.77	27.		7.25	31.82
6.		7.32	31.77	28.		7.24	31.82
7.		7.31	31.77	29.		7.22	31.82
8.		7.31	31.77	30.		7.22	31.83
9.		7.31	31.77	31.		7.19	31.84
10.		7.31	31.77	32.		7.17	31.87
11.		7.30	31.77	33.		7.17	31.89
12.		7.31	31.77	34.		7.17	31.90
13.		7.30	31.77	35.		7.17	31.90
14.		7.31	31.76	36.		7.18	31.91
15.		7.31	31.76	37.		7.17	31.93
16.		7.31	31.76	38.		7.18	31.95
17.		7.31	31.76	39.		7.18	31.95
18.		7.30	31.77	40.		7.18	31.96
19.		7.29	31.78	41.		7.18	31.96
20.		7.29	31.78	42.		7.18	31.98
21.		7.28	31.78	43.		7.18	31.99


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 44
54-10.0 N 132-18.0 W
MO.-4 DAY-15 7.3
31
32
33
34
35
SALINITY, O/OO

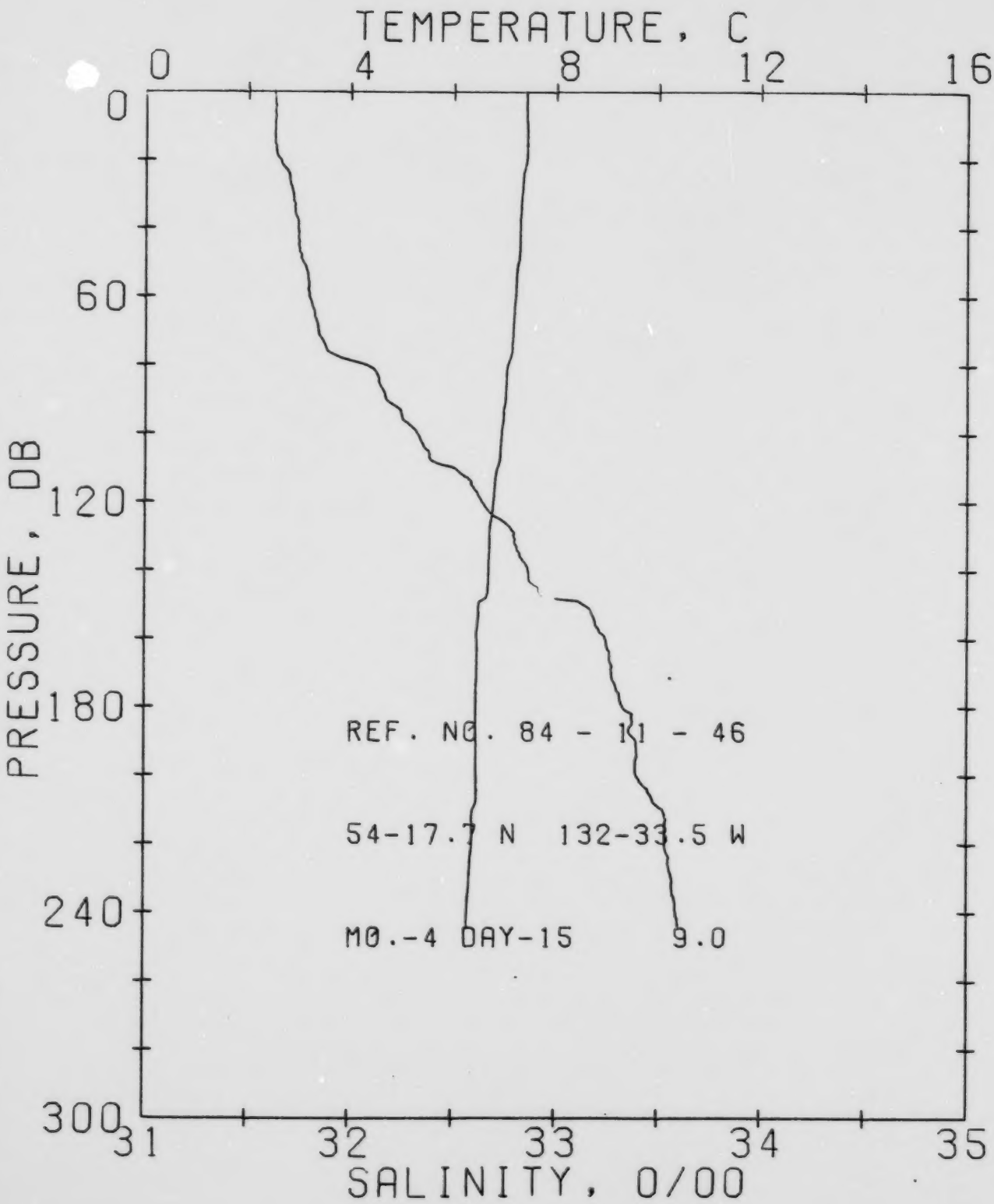
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 44 DATE 15/ 4/84
POSITION 54-10.0N, 132-18.0W GMT 7.3 STATION QC41
RESULTS OF STP CAST 90 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.32	31.76	0	24.86	310.4	.00	.00	1476.
10	7.31	31.77	10	24.86	310.0	.31	.02	1476.
20	7.29	31.82	20	24.90	306.5	.62	.06	1476.
30	7.29	31.82	30	24.90	306.2	.93	.14	1477.
50	7.23	31.93	50	25.00	297.7	1.53	.39	1477.
75	7.19	32.10	75	25.14	284.5	2.26	.85	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 45
54-11.0 N 132-34.5 W
MO.-4 DAY-15 8.3
31
32
33
34
35
SALINITY, O/OO

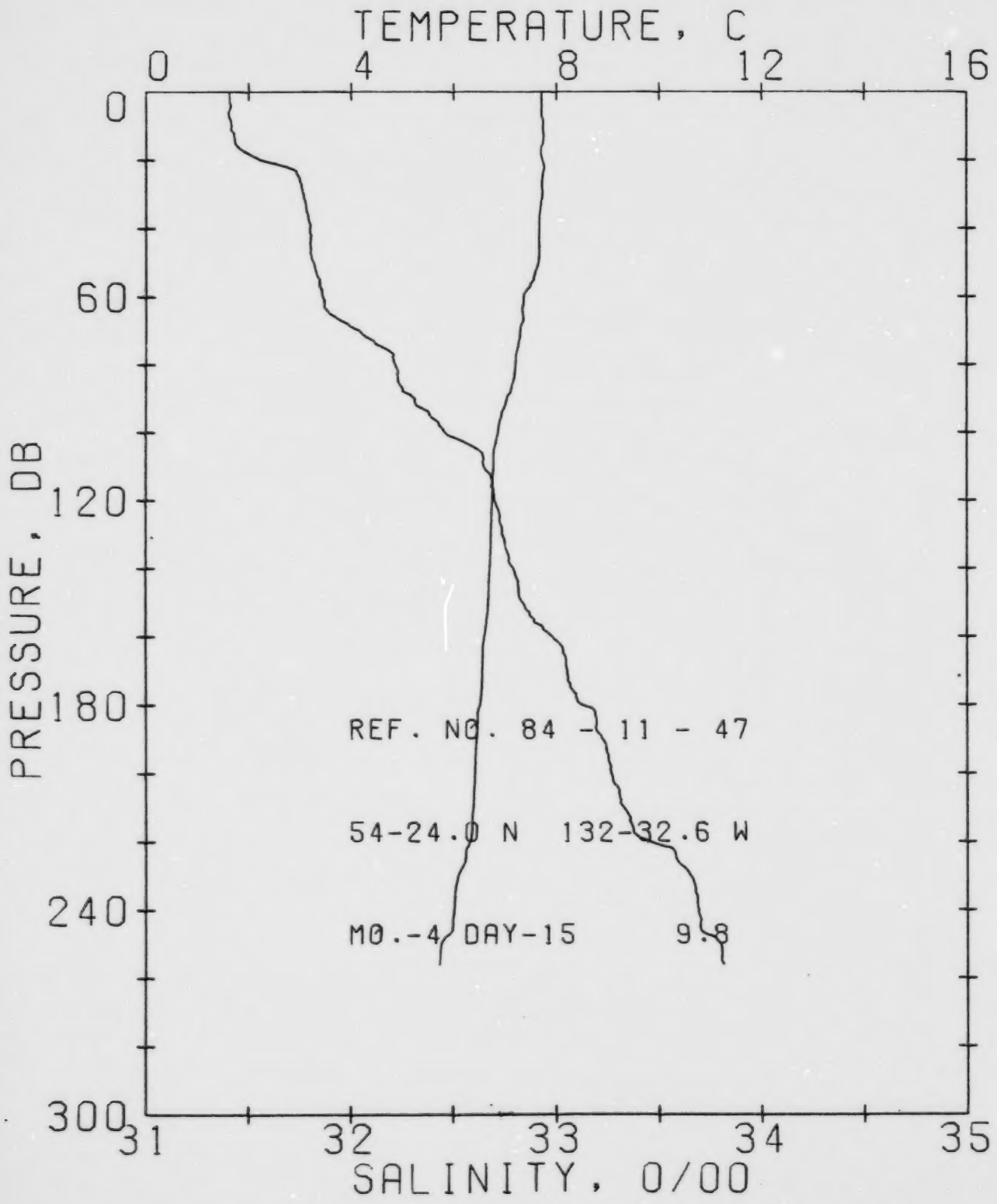
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 45 DATE 15/ 4/84
POSITION 54-11.0N, 132-34.5W GMT 8.3 STATION QC63
RESULTS OF STP CAST 87 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.34	31.68	0	24.79	316.7	.00	.00	1476.
10	7.34	31.68	10	24.79	317.1	.32	.02	1476.
20	7.39	31.74	20	24.83	313.4	.63	.06	1477.
30	7.45	31.82	30	24.88	308.6	.94	.14	1477.
50	7.23	32.08	50	25.11	286.5	1.54	.39	1477.
75	7.30	32.13	75	25.15	283.8	2.25	.84	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 46
54-17.7 N 132-33.5 W
MO.-4 DAY-15 9.0
31
32
33
34
35
SALINITY, O/OO

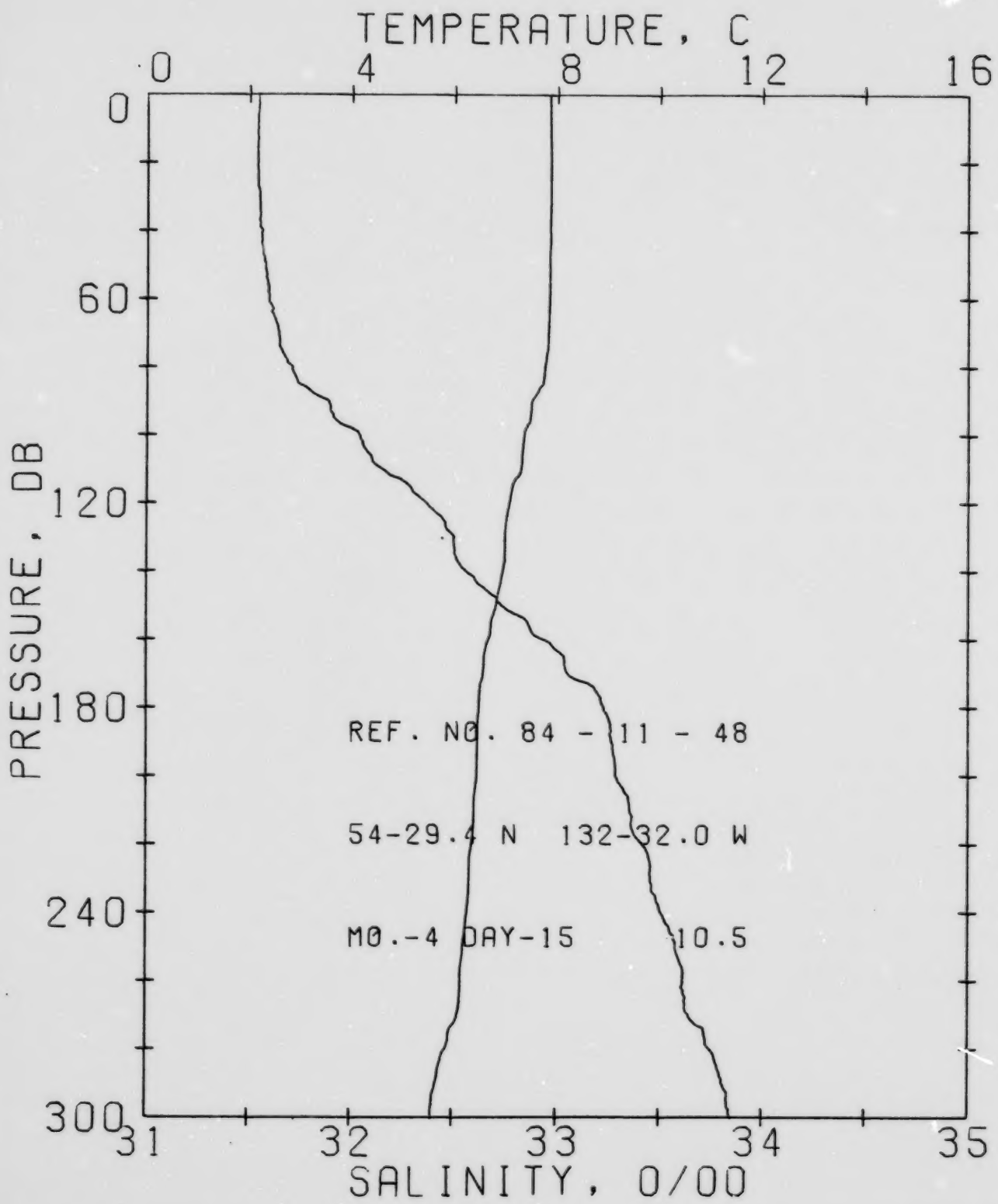
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 46 DATE 15/ 4/84
POSITION 54-17.7N, 132-33.5W GMT 9.0 STATION QC40
RESULTS OF STP CAST 245 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.41	31.63	0	24.74	321.5	.00	.00	1476.
10	7.42	31.63	10	24.74	321.8	.32	.02	1476.
20	7.42	31.66	20	24.76	319.8	.64	.07	1477.
30	7.33	72	30	24.82	314.1	.96	.15	1477.
50	7.26	31.77	50	24.87	310.1	1.58	.40	1477.
75	7.15	31.88	75	24.97	300.5	2.35	.89	1477.
100	6.95	32.33	99	25.35	265.0	3.05	1.51	1477.
125	6.75	32.73	124	25.69	232.5	3.67	2.22	1477.
150	6.51	33.14	149	26.04	199.6	4.23	3.00	1477.
175	6.45	33.30	174	26.17	187.3	4.70	3.79	1477.
200	6.46	33.39	199	26.25	180.6	5.16	4.66	1478.
225	6.35	33.55	223	26.39	167.7	5.59	5.59	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 47
54-24.0 N 132-32.6 W
MO.-4 DAY-15 9.8
31
32
33
34
35
SALINITY, O/OO

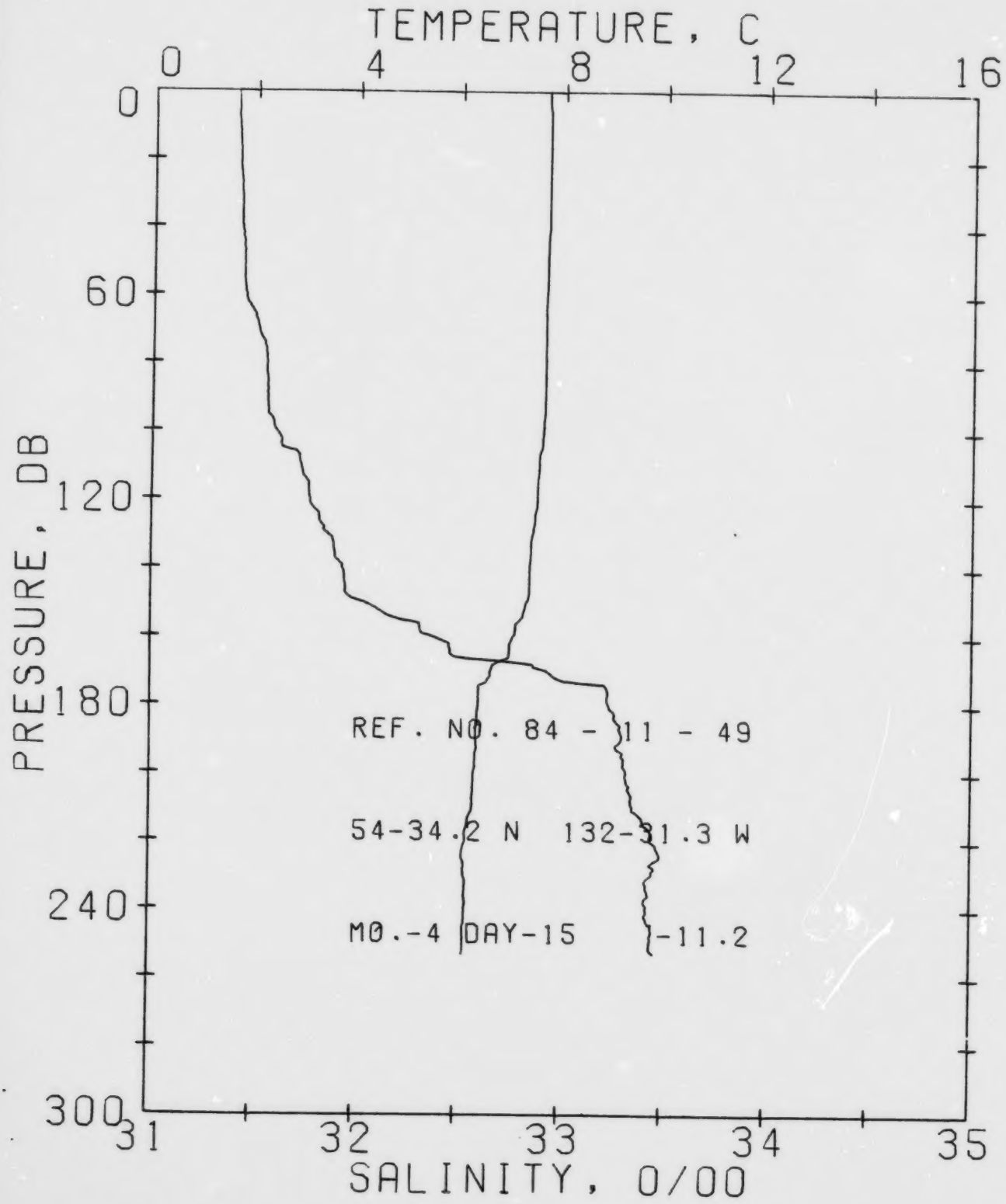
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 47 DATE 15/ 4/84
POSITION 54-24.0N, 132-32.6W GMT 9.8 STATION QC48
RESULTS OF STP CAST 257 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.71	31.41	0	24.52	342.0	.00	.00	1477.
10	7.74	31.42	10	24.53	341.9	.34	.02	1477.
20	7.73	31.56	20	24.64	331.0	.68	.07	1478.
30	7.73	31.77	30	24.80	315.9	1.00	.15	1478.
50	7.66	31.82	50	24.85	311.5	1.63	.41	1478.
75	7.25	32.16	75	25.18	280.9	2.38	.88	1478.
100	6.87	32.46	99	25.46	254.1	3.05	1.48	1477.
125	6.74	32.73	124	25.69	232.9	3.65	2.16	1477.
150	6.68	32.84	149	25.78	224.2	4.22	2.97	1477.
175	6.55	33.07	174	25.98	205.6	4.75	3.84	1478.
200	6.42	33.26	199	26.15	189.7	5.24	4.78	1478.
225	6.24	33.58	223	26.43	164.0	5.69	5.75	1478.
250	5.76	33.80	248	26.66	142.2	6.08	6.68	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 48
54-29.4 N 132-32.0 W
MO.-4 DAY-15 10.5
31
32
33
34
35
SALINITY, O/OO

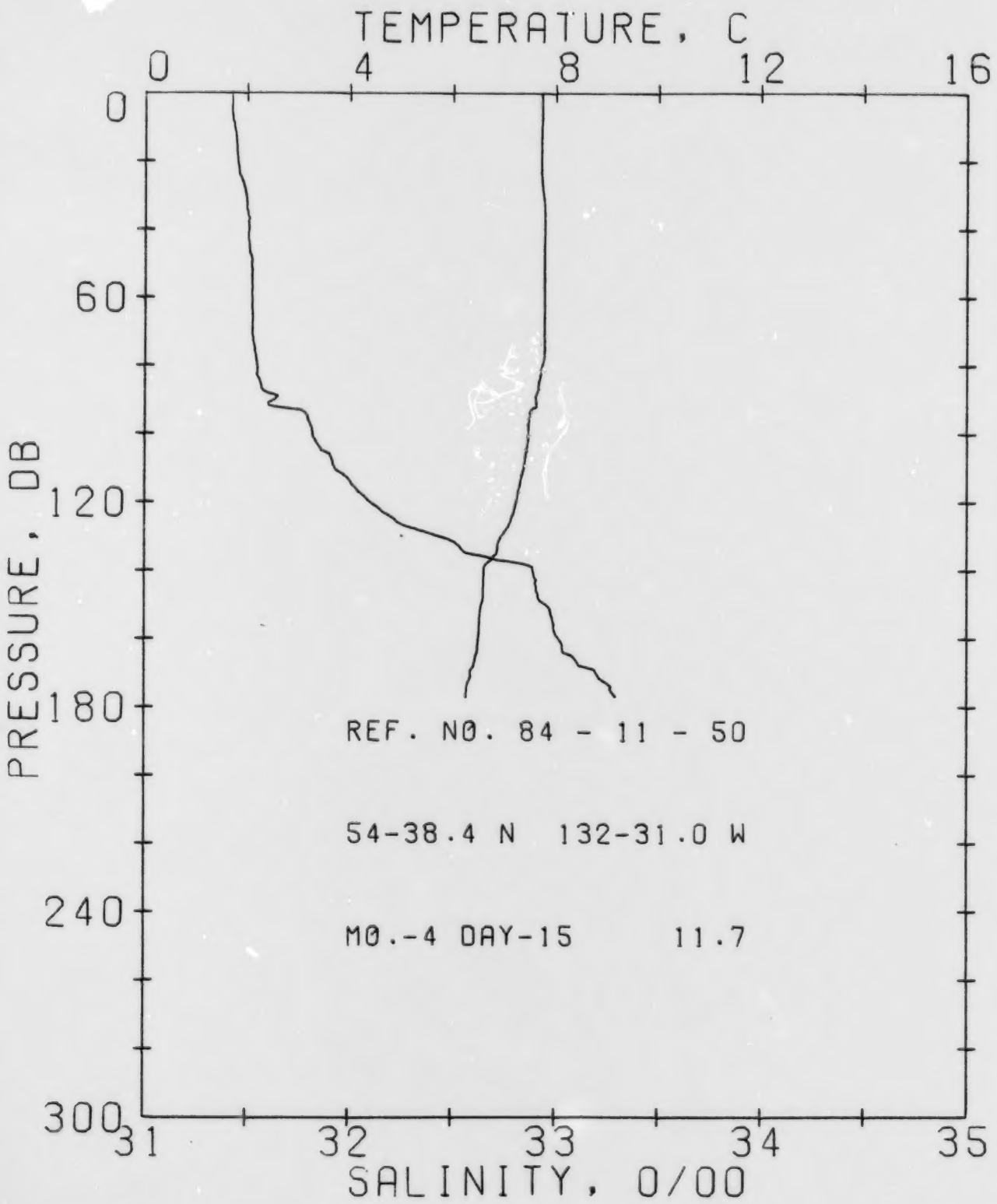
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 48 DATE 15/ 4/84
POSITION 54-29.4N, 132-32.0W GMT 10.5 STATION QC47
RESULTS OF STP CAST 370 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.85	31.54	0	24.61	333.8	.00	.00	1478.
10	7.86	31.54	10	24.61	334.4	.33	.02	1478.
20	7.87	31.54	20	24.60	334.7	.67	.07	1478.
30	7.87	31.55	30	24.61	334.3	1.00	.15	1478.
50	7.85	31.58	50	24.64	332.0	1.67	.43	1479.
75	7.82	31.65	75	24.70	326.1	2.49	.95	1479.
100	7.36	32.04	99	25.06	291.8	3.27	1.64	1478.
125	7.02	32.45	124	25.43	257.1	3.96	2.43	1478.
150	6.82	32.73	149	25.68	233.9	4.59	3.30	1478.
175	6.51	33.19	174	26.08	196.0	5.12	4.19	1478.
200	6.46	33.28	199	26.16	188.7	5.60	5.10	1478.
225	6.32	33.45	223	26.32	174.5	6.05	6.08	1478.
250	6.20	33.58	248	26.43	164.1	6.48	7.11	1478.
300	5.59	33.85	298	26.71	137.4	7.24	9.23	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 49
54-34.2 N 132-31.3 W
MO.-4 DAY-15 -11.2
31
32
33
34
35
SALINITY, O/OO

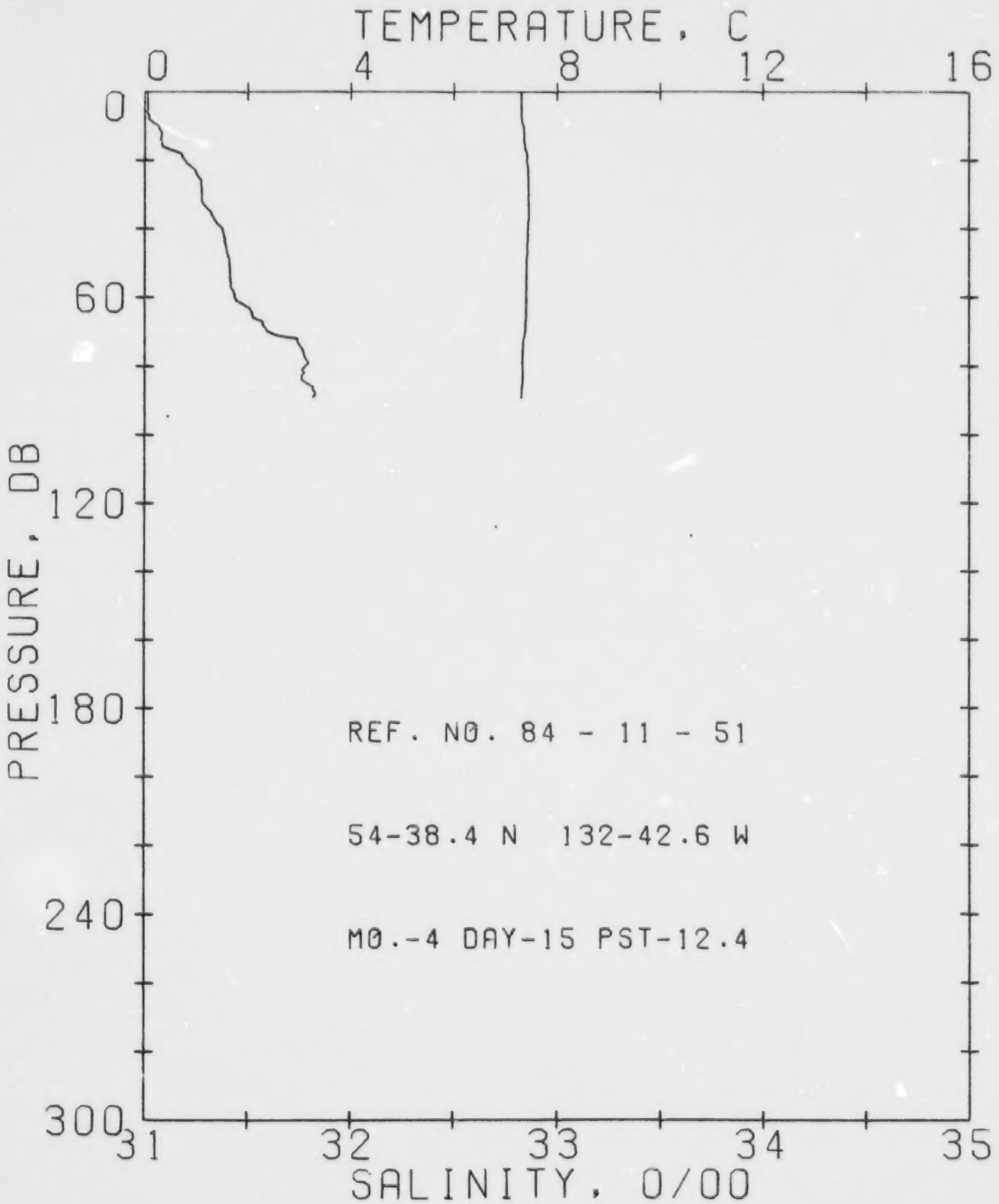
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 49 DATE 15/ 4/84
POSITION 54-34.2N, 132-31.3W GMT 11.2 STATION QC46
RESULTS OF STP CAST 254 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.68	31.41	0	24.53	341.7	.00	.00	1477.
10	7.71	31.41	10	24.52	342.1	.34	.02	1477.
20	7.71	31.42	20	24.53	341.8	.68	.07	1477.
30	7.71	31.42	30	24.54	341.3	1.03	.16	1478.
50	7.68	31.44	50	24.55	340.0	1.71	.43	1478.
75	7.66	31.54	75	24.64	332.2	2.55	.97	1478.
100	7.63	31.60	99	24.69	327.7	3.38	1.71	1479.
125	7.49	31.82	124	24.87	310.3	4.17	2.62	1479.
150	7.32	32.04	149	25.07	291.7	4.93	3.68	1479.
175	6.41	33.23	174	26.12	191.9	5.56	4.71	1477.
200	6.32	33.32	199	26.21	184.1	6.03	5.61	1477.
225	6.10	33.49	224	26.37	169.3	6.47	6.57	1477.
250	6.15	33.44	248	26.33	173.6	6.91	7.62	1478.


TEMPERATURE, C
0
4
8
12
16
PRESSURE, DB
0
60
120
180
240
300
REF. NO. 84 - 11 - 50
54-38.4 N 132-31.0 W
MO.-4 DAY-15 11.7
31
32
33
34
35
SALINITY, O/OO

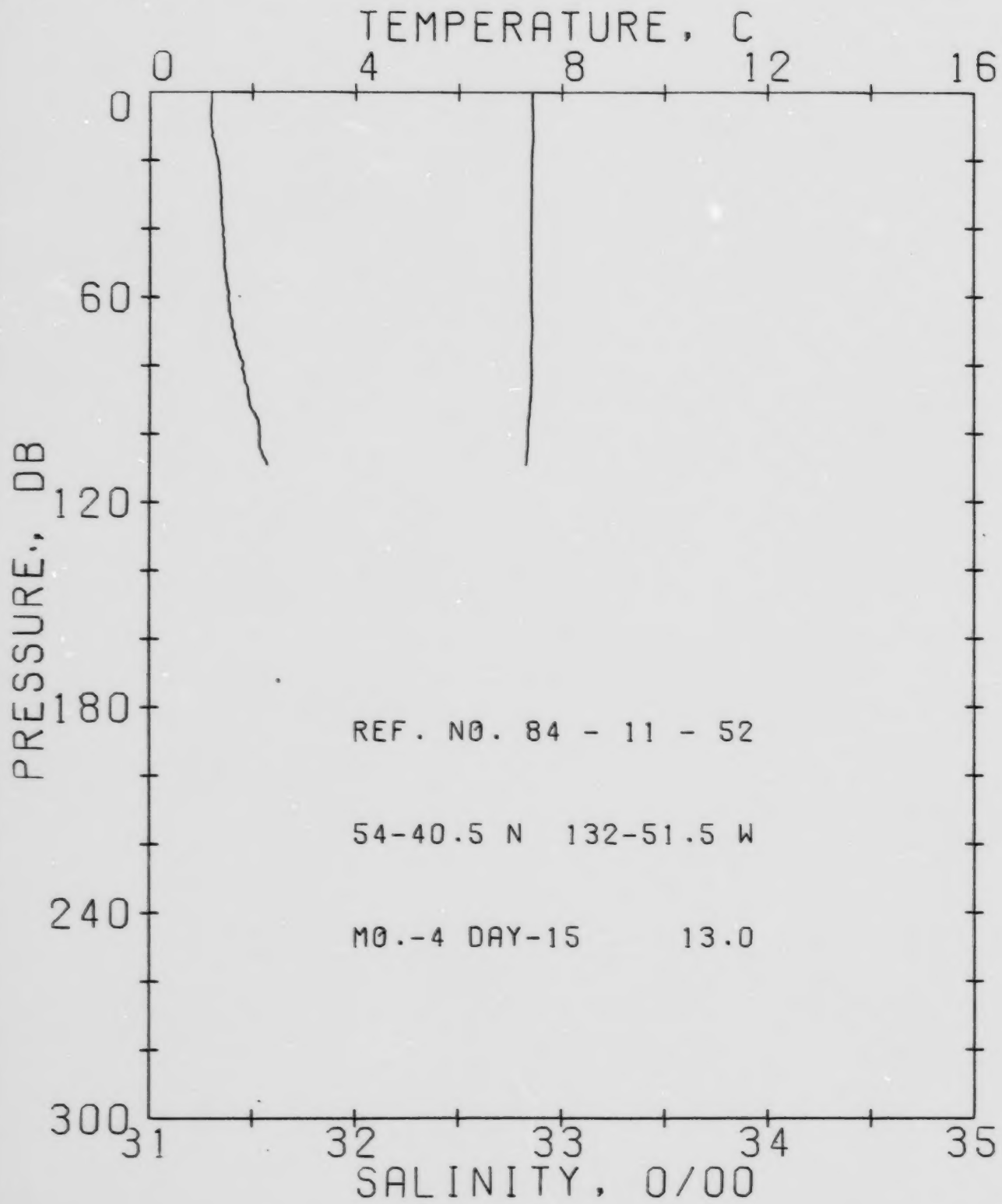
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 50 DATE 15/ 4/84
POSITION 54-38.4N, 132-31.0W GMT 11.7 STATION QC53
RESULTS OF STP CAST 178 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.73	31.43	0	24.53	341.0	.00	.00	1477.
10	7.73	31.44	10	24.54	340.3	.34	.02	1477.
20	7.71	31.45	20	24.56	339.1	.68	.07	1478.
30	7.75	31.49	30	24.58	336.7	1.02	.16	1478.
50	7.78	31.52	50	24.60	335.6	1.69	.43	1478.
75	7.80	31.53	75	24.61	334.8	2.53	.96	1479.
100	7.48	31.82	99	24.88	309.8	3.34	1.69	1478.
125	7.15	32.22	124	25.23	276.1	4.08	2.53	1478.
150	6.58	32.96	149	25.89	213.9	4.67	3.36	1477.
175	6.29	33.27	174	26.17	187.6	5.18	4.20	1477.


TEMPERATURE, C
0
4
8
12
16
PRESSURE, DB
0
60
120
180
240
300
REF. NO. 84 - 11 - 51
54-38.4 N 132-42.6 W
MO.-4 DAY-15 PST-12.4
31
32
33
34
35
SALINITY, O/OO

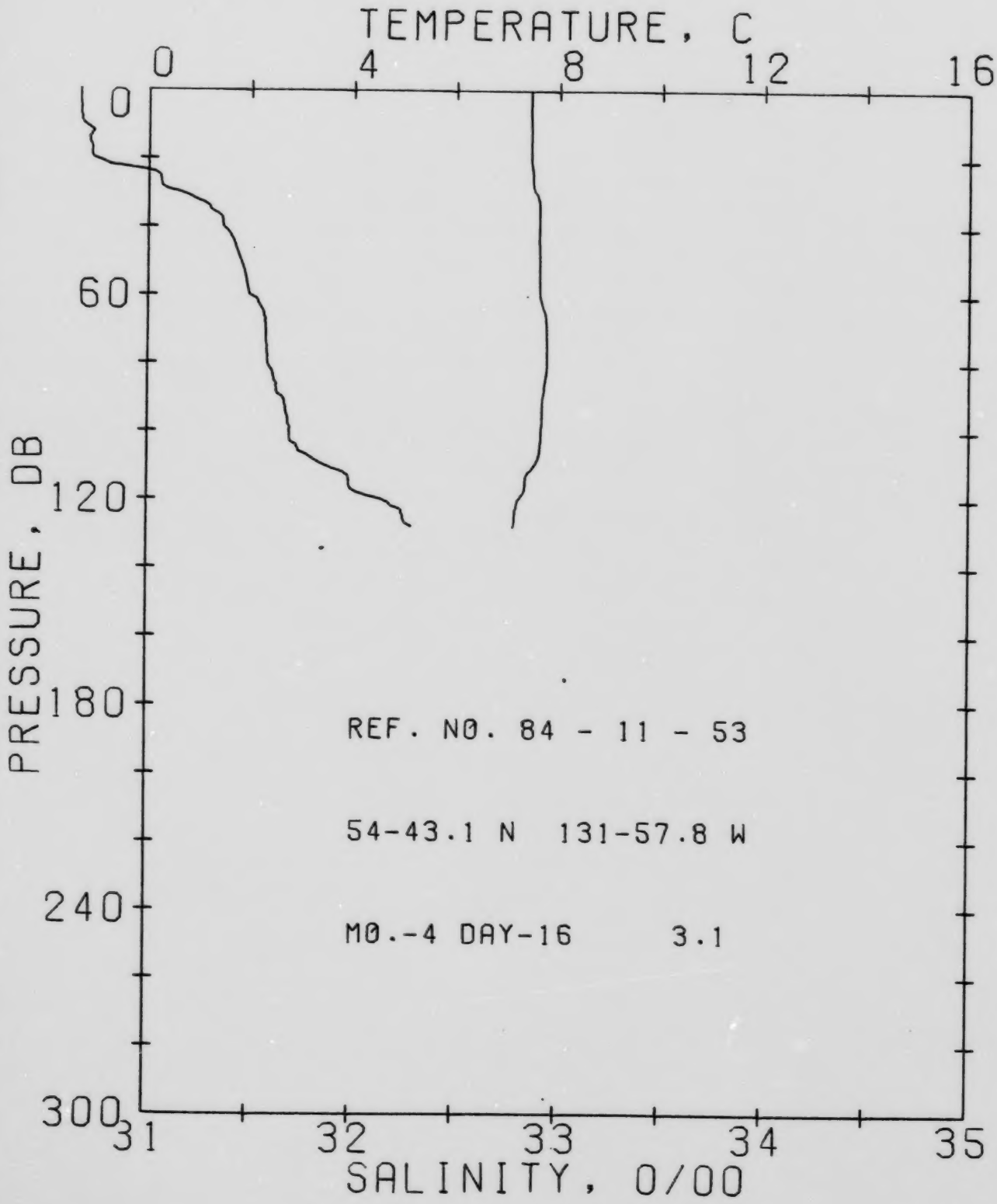
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 51 DATE 15/ 4/84
POSITION 54-38.4N, 132-42.6W GMT 12.4 STATION QC52
RESULTS OF STP CAST 90 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.31	31.02	0	24.27	366.1	.00	.00	1475.
10	7.35	31.07	10	24.31	362.7	.37	.02	1475.
20	7.40	31.20	20	24.40	354.0	.73	.07	1476.
30	7.45	31.28	30	24.46	348.7	1.08	.16	1476.
50	7.41	31.41	50	24.57	338.6	1.76	.44	1477.
75	7.35	31.77	75	24.85	311.5	2.59	.97	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 52
54-40.5 N 132-51.5 W
MO.-4 DAY-15 13.0
31
32
33
34
35
SALINITY, O/OO

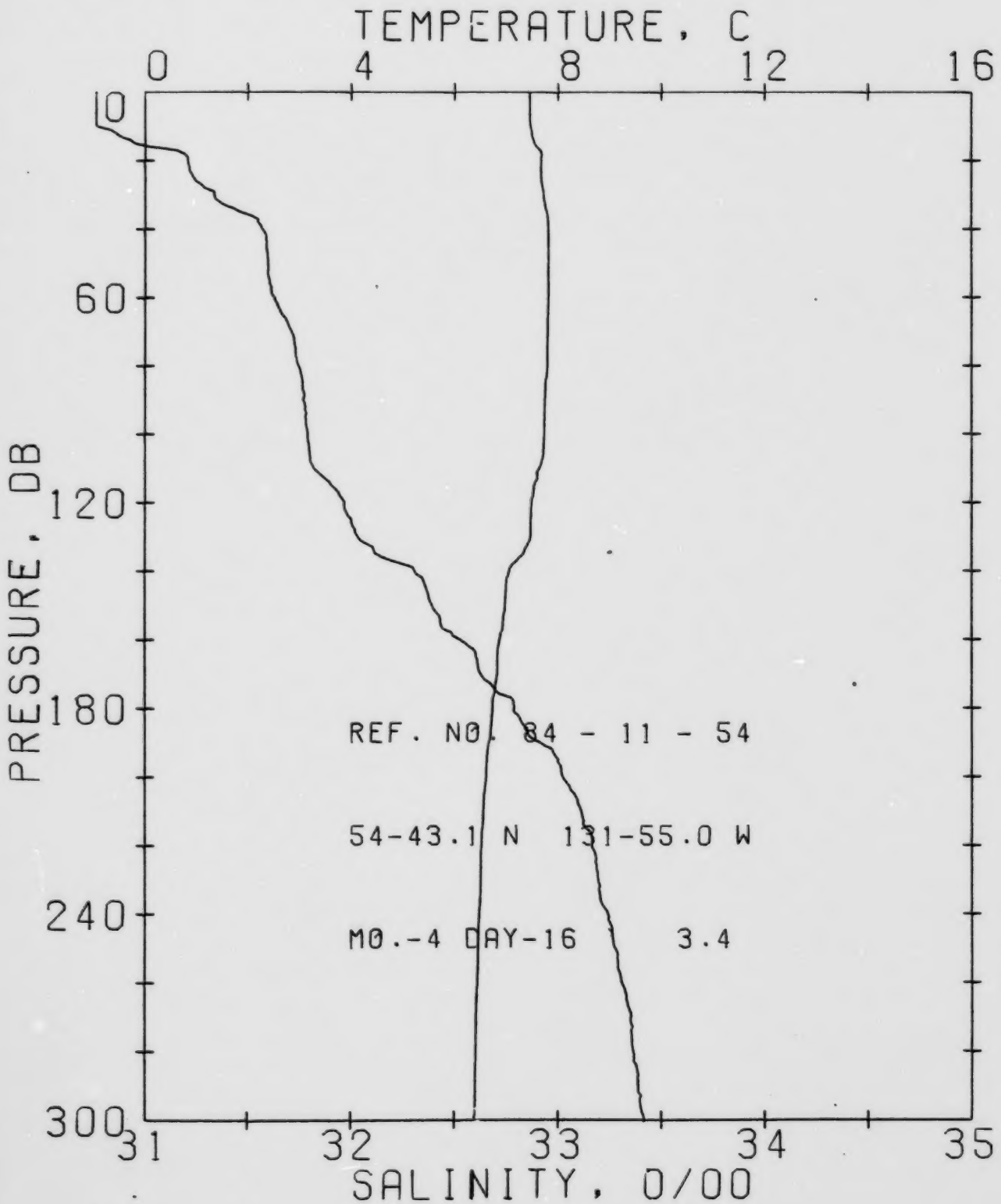
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 52 DATE 15/ 4/84
POSITION 54-40.5N, 132-51.5W GMT 13.0 STATION Q137
RESULTS OF STP CAST 110 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.42	31.30	0	24.48	346.2	.00	.00	1476.
10	7.43	31.30	10	24.48	346.7	.35	.02	1476.
20	7.42	31.33	20	24.50	344.2	.69	.07	1476.
30	7.41	31.34	30	24.51	343.3	1.04	.16	1476.
50	7.40	31.36	50	24.53	342.3	1.72	.44	1477.
75	7.41	31.43	75	24.58	337.7	2.57	.98	1477.
100	7.34	31.53	99	24.67	329.4	3.41	1.72	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 53
54-43.1 N 131-57.8 W
MO.-4 DAY-16 3.1
31
32
33
34
35
SALINITY, O/OO

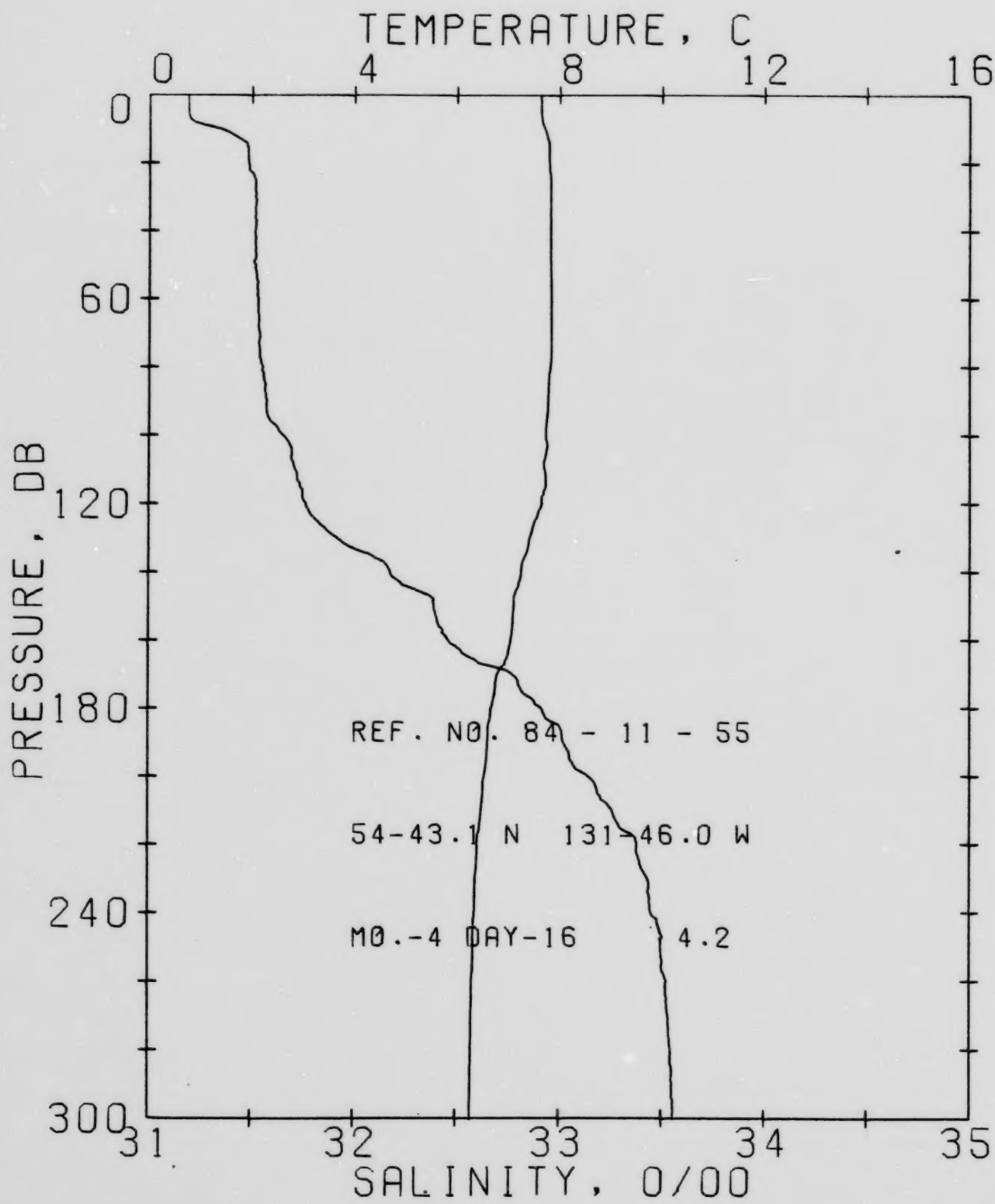
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 53 DATE 16/ 4/84
POSITION 54-43.1N, 131-57.8W GMT 3.1 STATION Q119
RESULTS OF STP CAST 129 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.44	30.67	0	23.98	394.0	.00	.00	1475.
10	7.44	30.68	10	23.99	392.7	.39	.02	1475.
20	7.45	30.73	20	24.03	389.3	.78	.08	1476.
30	7.57	31.17	30	24.35	358.6	1.15	.17	1477.
50	7.63	31.45	50	24.57	338.1	1.84	.45	1478.
75	7.78	31.58	75	24.65	331.1	2.68	.99	1479.
100	7.67	31.69	99	24.75	321.9	3.50	1.71	1479.
125	7.17	32.25	124	25.26	273.9	4.25	2.57	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 54
54-43.1 N 131-55.0 W
MO.-4 DAY-16 3.4
31
32
33
34
35
SALINITY, O/OO

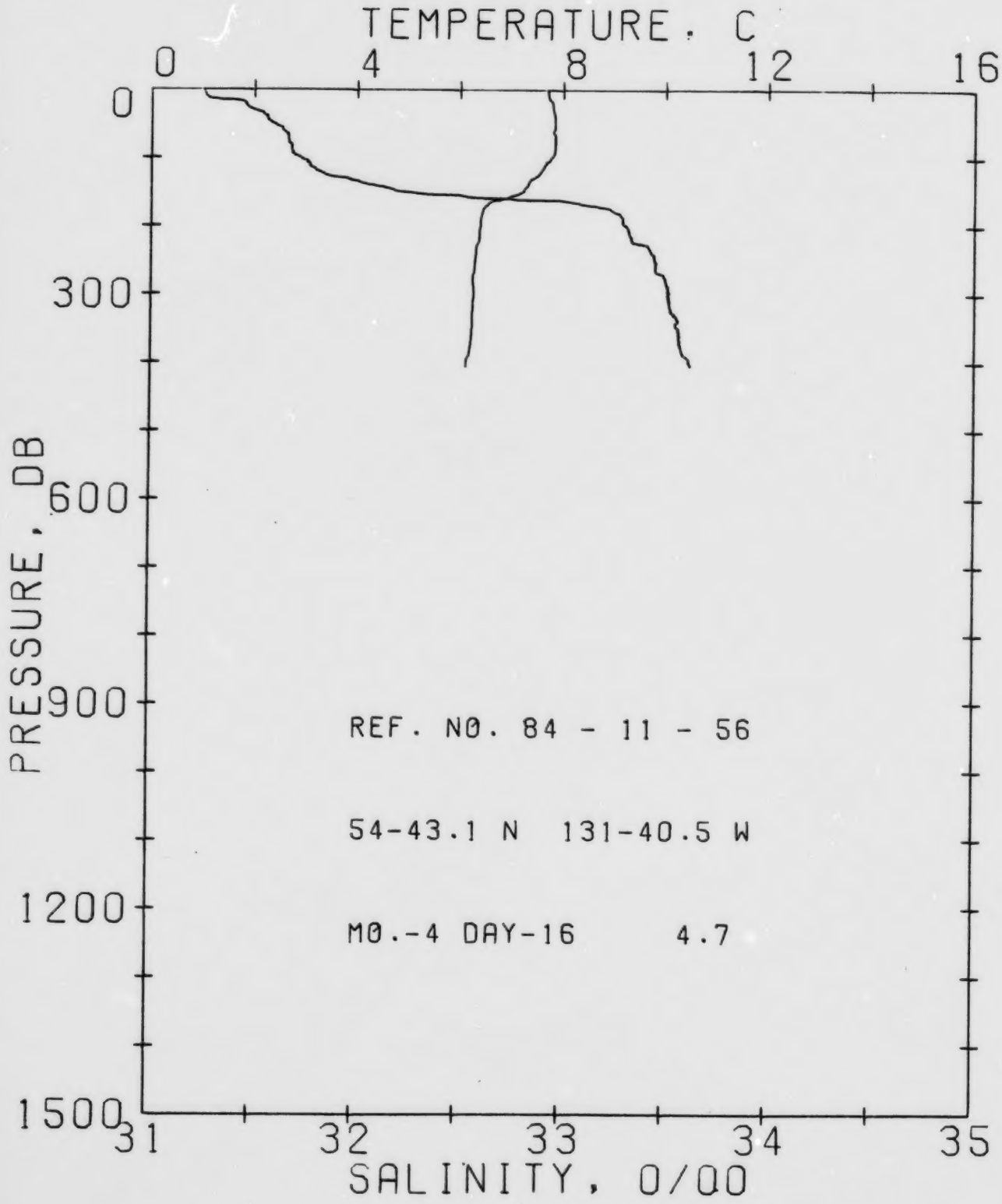
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 54 DATE 16/ 4/84
POSITION 54-43.1N, 131-55.0W GMT 3.4 STATION Q120
RESULTS OF STP CAST 379 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.45	30.76	0	24.05	386.7	.00	.00	1475.
10	7.46	30.77	10	24.06	386.8	.39	.02	1475.
20	7.67	31.21	20	24.37	356.7	.76	.08	1477.
30	7.71	31.34	30	24.47	347.8	1.11	.17	1478.
50	7.82	31.59	50	24.65	330.2	1.78	.44	1479.
75	7.80	31.73	75	24.76	320.3	2.60	.96	1479.
100	7.74	31.79	99	24.82	315.5	3.39	1.66	1479.
125	7.48	32.00	124	25.02	296.5	4.16	2.54	1479.
150	6.98	32.39	149	25.39	261.1	4.85	3.52	1478.
175	6.79	32.70	174	25.66	235.8	5.47	4.54	1478.
200	6.62	33.02	199	25.94	210.0	6.03	5.60	1478.
225	6.52	33.18	224	26.07	197.4	6.53	6.69	1478.
250	6.46	33.28	248	26.16	189.9	7.02	7.86	1479.
300	6.39	33.42	298	26.28	179.0	7.94	10.44	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 55
54-43.1 N 131-46.0 W
MO.-4 DAY-16 4.2
31
32
33
34
35
SALINITY, O/OO

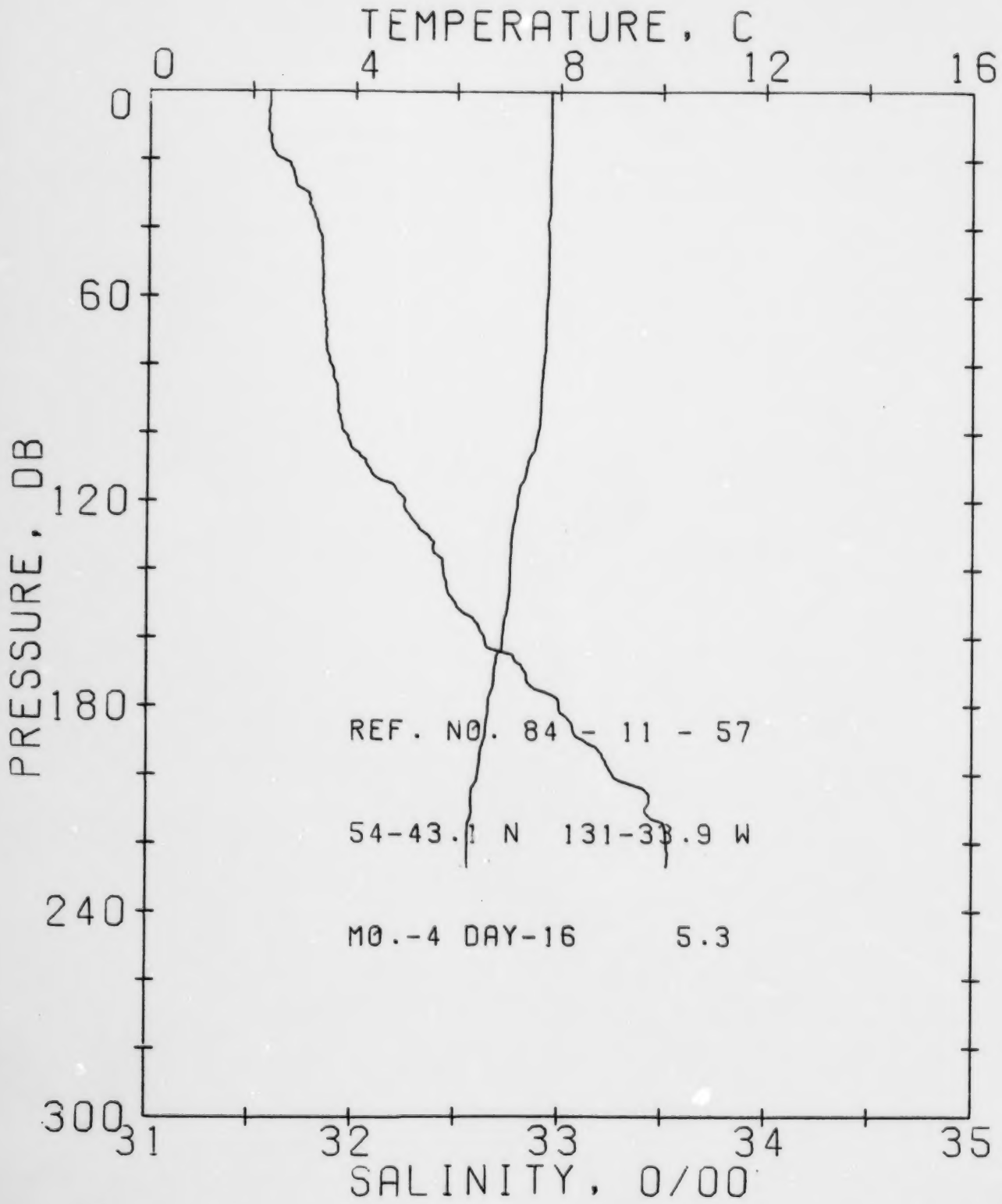
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 55 DATE 16/ 4/84
POSITION 54-43.1N, 131-46.0W GMT 4.2 STATION Q121
RESULTS OF STP CAST 350 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.64	31.19	0	24.36	357.2	.00	.00	1477.
10	7.71	31.36	10	24.48	346.0	.36	.02	1477.
20	7.80	31.49	20	24.57	337.7	.70	.07	1478.
30	7.82	31.51	30	24.59	336.0	1.03	.16	1478.
50	7.83	31.52	50	24.59	336.1	1.70	.43	1479.
75	7.84	31.54	75	24.61	335.0	2.54	.96	1479.
100	7.74	31.66	99	24.71	325.2	3.37	1.70	1479.
125	7.53	31.82	124	24.87	310.6	4.17	2.62	1479.
150	7.12	32.39	149	25.37	263.0	4.89	3.62	1479.
175	6.75	32.82	174	25.76	226.7	5.51	4.64	1478.
200	6.54	33.14	199	26.04	200.2	6.04	5.66	1478.
225	6.40	33.40	224	26.26	180.0	6.51	6.68	1478.
250	6.34	33.50	248	26.35	171.9	6.95	7.74	1479.
300	6.28	33.56	298	26.40	167.3	7.80	10.11	1479.


TEMPERATURE. C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE. DB
REF. NO. 84 - 11 - 56
54-43.1 N 131-40.5 W
MO.-4 DAY-16 4.7
31
32
33
34
35
SALINITY. O/OO

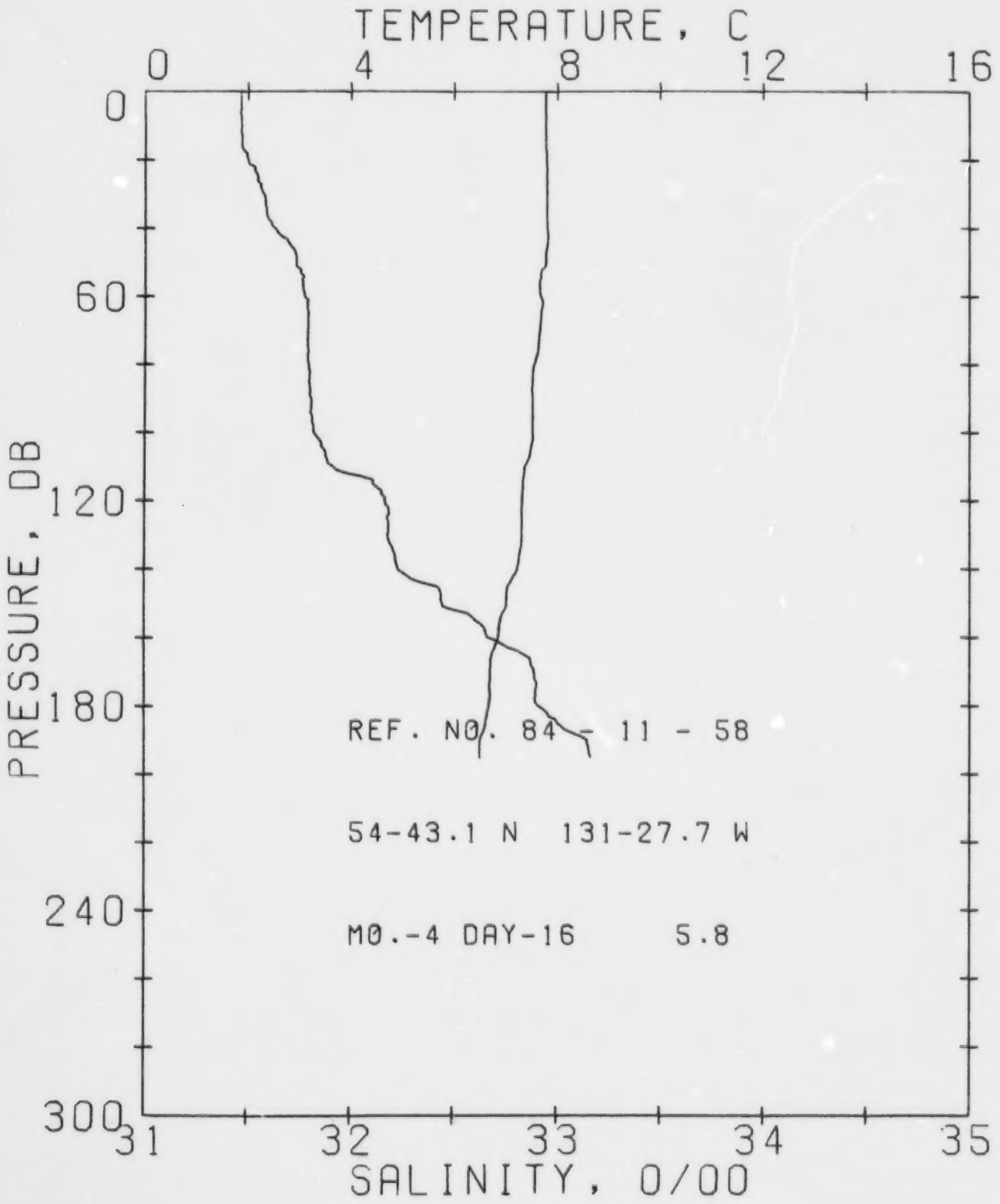
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 56 DATE 16/ 4/84
POSITION 54-43.1N, 131-40.5W GMT 4.7 STATION Q122
RESULTS OF STP CAST 405 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.70	31.26	0	24.41	353.1	.00	.00	1477.
10	7.71	31.26	10	24.41	353.0	.35	.02	1477.
20	7.79	31.46	20	24.56	339.3	.70	.07	1478.
30	7.81	31.50	30	24.58	336.9	1.04	.16	1478.
50	7.84	31.60	50	24.65	330.4	1.70	.43	1479.
75	7.85	31.67	75	24.70	325.8	2.52	.95	1479.
100	7.78	31.73	99	24.77	320.3	3.33	1.67	1479.
125	7.53	31.85	124	24.89	308.5	4.12	2.57	1479.
150	7.21	32.24	149	25.25	275.2	4.85	3.59	1479.
175	6.46	33.24	174	26.13	191.8	5.41	4.52	1477.
200	6.41	33.32	199	26.19	185.6	5.88	5.42	1478.
225	6.36	33.36	224	26.24	181.9	6.34	6.42	1478.
250	6.31	33.45	248	26.31	175.2	6.79	7.49	1478.
300	6.28	33.51	298	26.37	170.6	7.65	9.90	1479.
400	6.14	33.61	397	26.46	162.8	9.32	15.87	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 57
54-43.1 N 131-33.9 W
MO.-4 DAY-16 5.3
31
32
33
34
35
SALINITY, O/OO

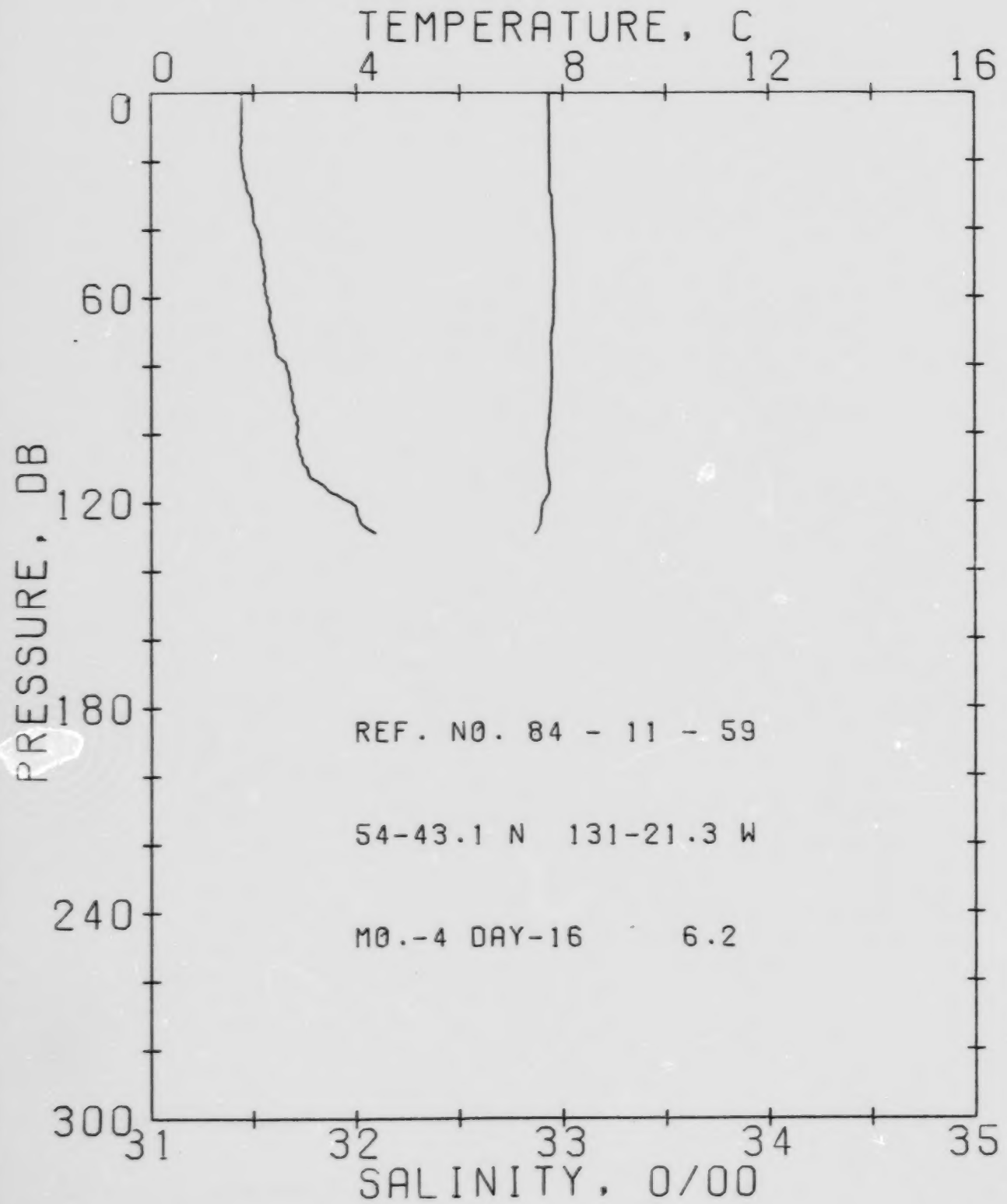
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 57 DATE 16/ 4/84
POSITION 54-43.1N, 131-33.9W GMT 5.3 STATION Q123
RESULTS OF STP CAST 228 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.83	31.58	0	24.64	330.5	.00	.00	1478.
10	7.82	31.58	10	24.64	330.9	.33	.02	1478.
20	7.82	31.65	20	24.70	325.8	.66	.07	1478.
30	7.81	31.78	30	24.80	316.2	.98	.15	1478.
50	7.78	31.84	50	24.85	311.5	1.61	.40	1479.
75	7.72	31.87	75	24.88	309.1	2.38	.90	1479.
100	7.58	31.96	99	24.97	300.9	3.15	1.58	1479.
125	7.14	32.29	124	25.29	270.8	3.86	2.39	1478.
150	7.01	32.50	149	25.48	253.3	4.51	3.31	1478.
175	6.71	32.88	174	25.82	221.3	5.10	4.28	1478.
200	6.43	33.26	199	26.15	189.9	5.61	5.26	1478.
225	6.22	33.52	223	26.38	168.1	6.05	6.20	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 58
54-43.1 N 131-27.7 W
MO.-4 DAY-16 5.8
31
32
33
34
35
SALINITY, O/OO

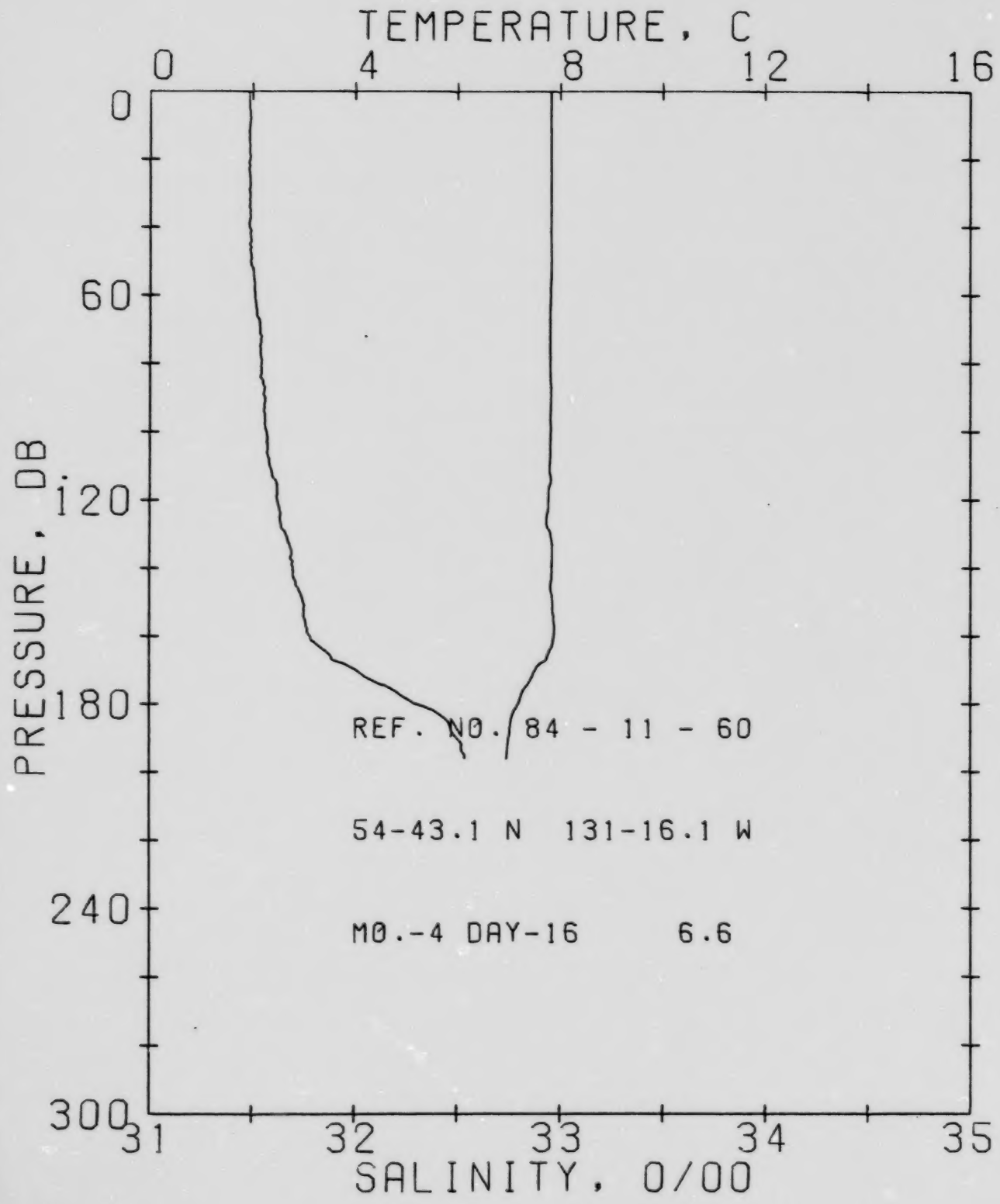
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 58 DATE 16/ 4/84
POSITION 54-43.1N, 131-27.7W GMT 5.8 STATION Q124
RESULTS OF STP CAST 195 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.77	31.47	0	24.56	338.4	.00	.00	1477.
10	7.77	31.47	10	24.57	338.2	.34	.02	1478.
20	7.79	31.50	20	24.59	336.3	.68	.07	1478.
30	7.80	31.58	30	24.65	330.8	1.01	.15	1478.
50	7.79	31.73	50	24.77	319.5	1.66	.42	1479.
75	7.64	31.79	75	24.83	313.7	2.45	.92	1479.
100	7.52	31.82	99	24.87	310.1	3.23	1.61	1479.
125	7.31	32.17	124	25.18	281.4	3.96	2.46	1479.
150	7.02	32.44	149	25.43	257.9	4.65	3.41	1478.
175	6.69	32.90	174	25.83	220.2	5.23	4.37	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 59
54-43.1 N 131-21.3 W
MO.-4 DAY-16 6.2
31
32
33
34
35
SALINITY, O/OO

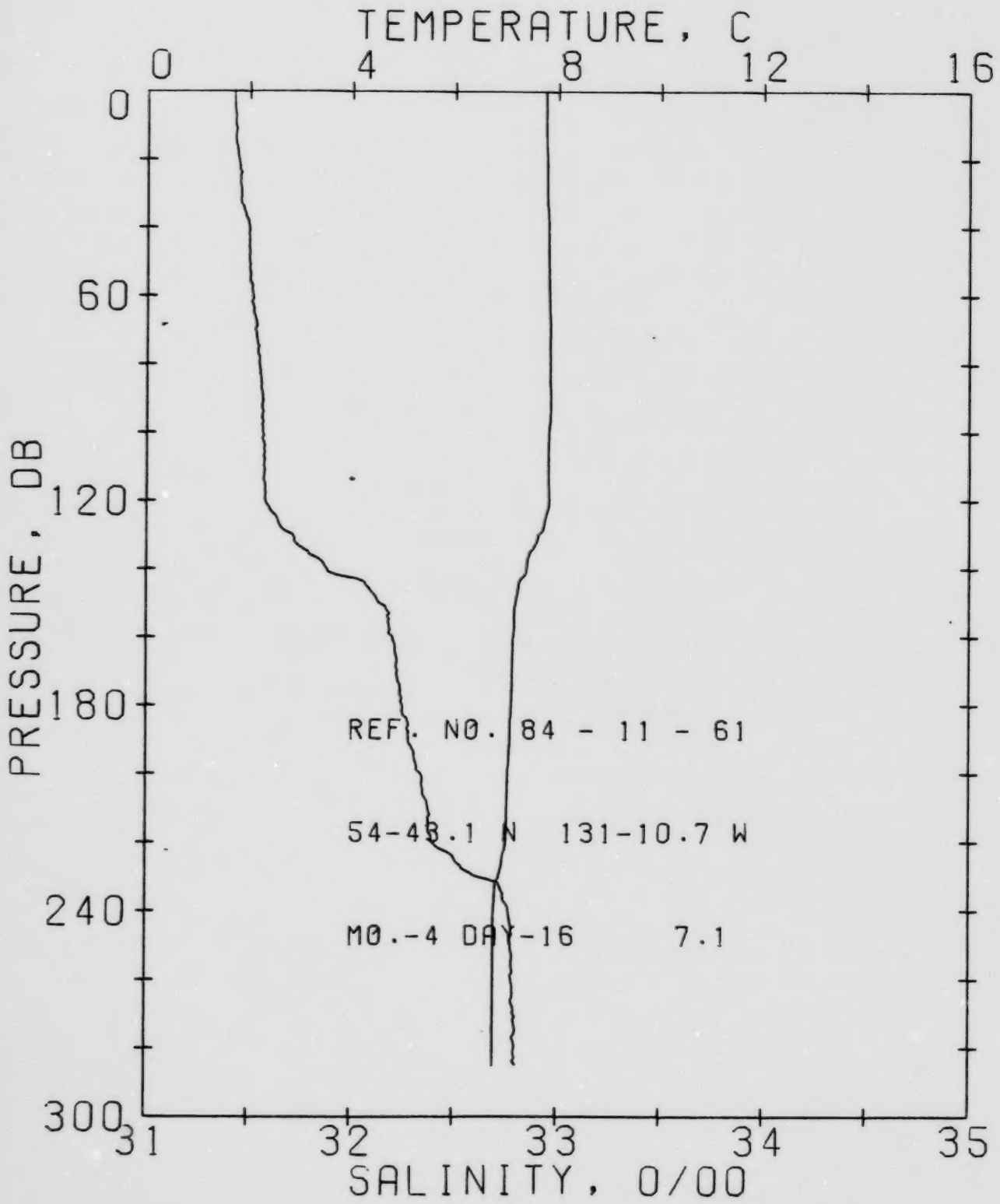
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 59 DATE 16/ 4/84
POSITION 54-43.1N, 131-21.3W GMT 6.2 STATION Q125
RESULTS OF STP CAST 128 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.73	31.45	0	24.55	339.5	.00	.00	1477.
10	7.73	31.44	10	24.55	340.0	.34	.02	1477.
20	7.74	31.44	20	24.55	340.2	.68	.07	1478.
30	7.79	31.49	30	24.57	337.7	1.02	.16	1478.
50	7.84	31.55	50	24.61	334.2	1.69	.43	1479.
75	7.78	31.61	75	24.67	329.1	2.52	.96	1479.
100	7.72	31.71	99	24.76	321.0	3.33	1.68	1479.
125	7.58	32.01	124	25.02	296.8	4.11	2.57	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 60
54-43.1 N 131-16.1 W
MO.-4 DAY-16 6.6
31
32
33
34
35
SALINITY, O/OO

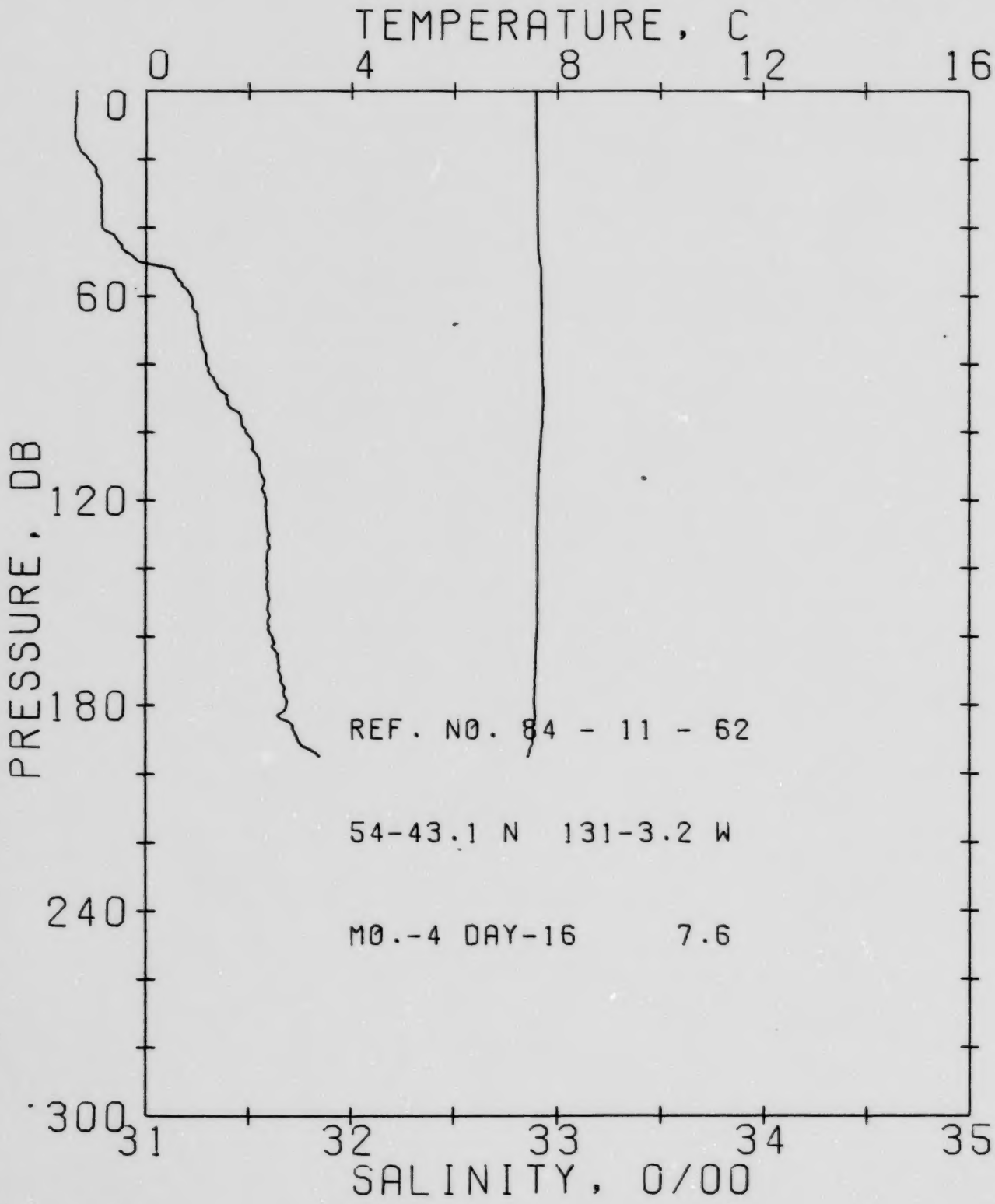
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 60 DATE 16/ 4/84
POSITION 54-43.1N, 131-16.1W GMT 6.6 STATION Q126
RESULTS OF STP CAST 197 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.82	31.49	0	24.57	337.7	.00	.00	1478.
10	7.82	31.49	10	24.57	337.8	.34	.02	1478.
20	7.82	31.49	20	24.57	337.9	.68	.07	1478.
30	7.83	31.49	30	24.57	337.9	1.01	.15	1478.
50	7.83	31.49	50	24.57	338.5	1.69	.43	1479.
75	7.80	31.53	75	24.61	334.9	2.53	.97	1479.
100	7.81	31.57	99	24.63	332.8	3.36	1.71	1479.
125	7.73	31.63	124	24.69	327.4	4.19	2.66	1480.
150	7.85	31.75	149	24.77	320.6	5.00	3.79	1481.
175	7.32	32.16	174	25.17	283.1	5.78	5.07	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 61
54-43.1 N 131-10.7 W
MO.-4 DAY-16 7.1
31
32
33
34
35
SALINITY, O/OO

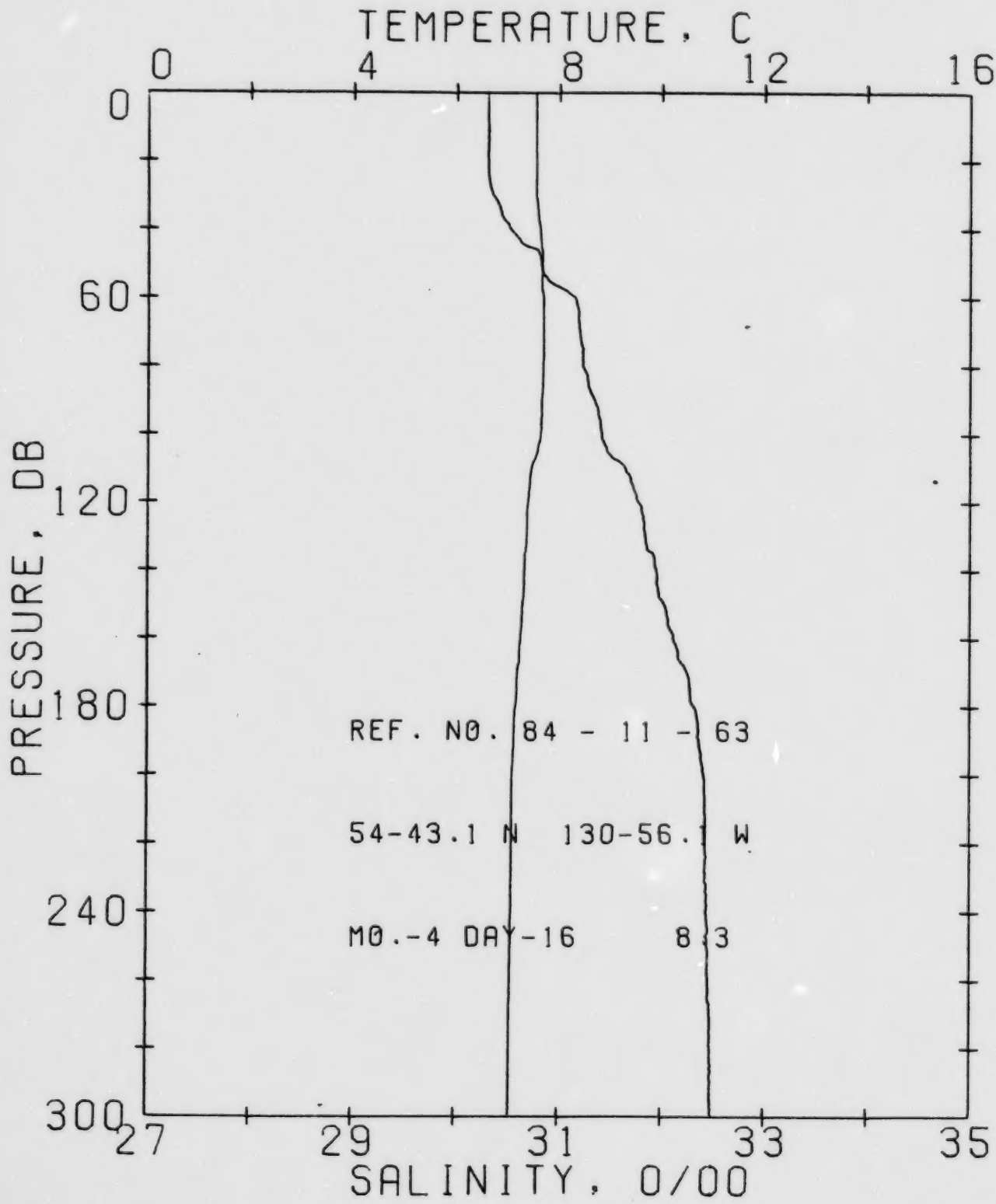
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 61 DATE 16/ 4/84
POSITION 54-43.1N, 131-10.7W GMT 7.1 STATION Q127
RESULTS OF STP CAST 283 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.76	31.43	0	24.53	341.4	.00	.00	1477.
10	7.76	31.43	10	24.53	341.3	.34	.02	1478.
20	7.78	31.45	20	24.54	340.3	.68	.07	1478.
30	7.78	31.46	30	24.55	339.7	1.02	.16	1478.
50	7.82	31.50	50	24.58	337.6	1.70	.43	1478.
75	7.85	31.55	75	24.61	334.7	2.54	.97	1479.
100	7.84	31.56	99	24.63	333.5	3.37	1.71	1479.
125	7.78	31.64	124	24.69	327.5	4.21	2.66	1480.
150	7.21	32.13	149	25.16	283.3	4.97	3.73	1479.
175	7.13	32.24	174	25.25	274.8	5.67	4.88	1479.
200	7.06	32.34	199	25.34	266.5	6.34	6.18	1479.
225	6.96	32.51	224	25.49	253.1	7.00	7.60	1479.
250	6.78	32.78	248	25.72	230.9	7.59	9.03	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 62
54-43.1 N 131-3.2 W
MO.-4 DAY-16 7.6
31
32
33
34
35
SALINITY, O/OO

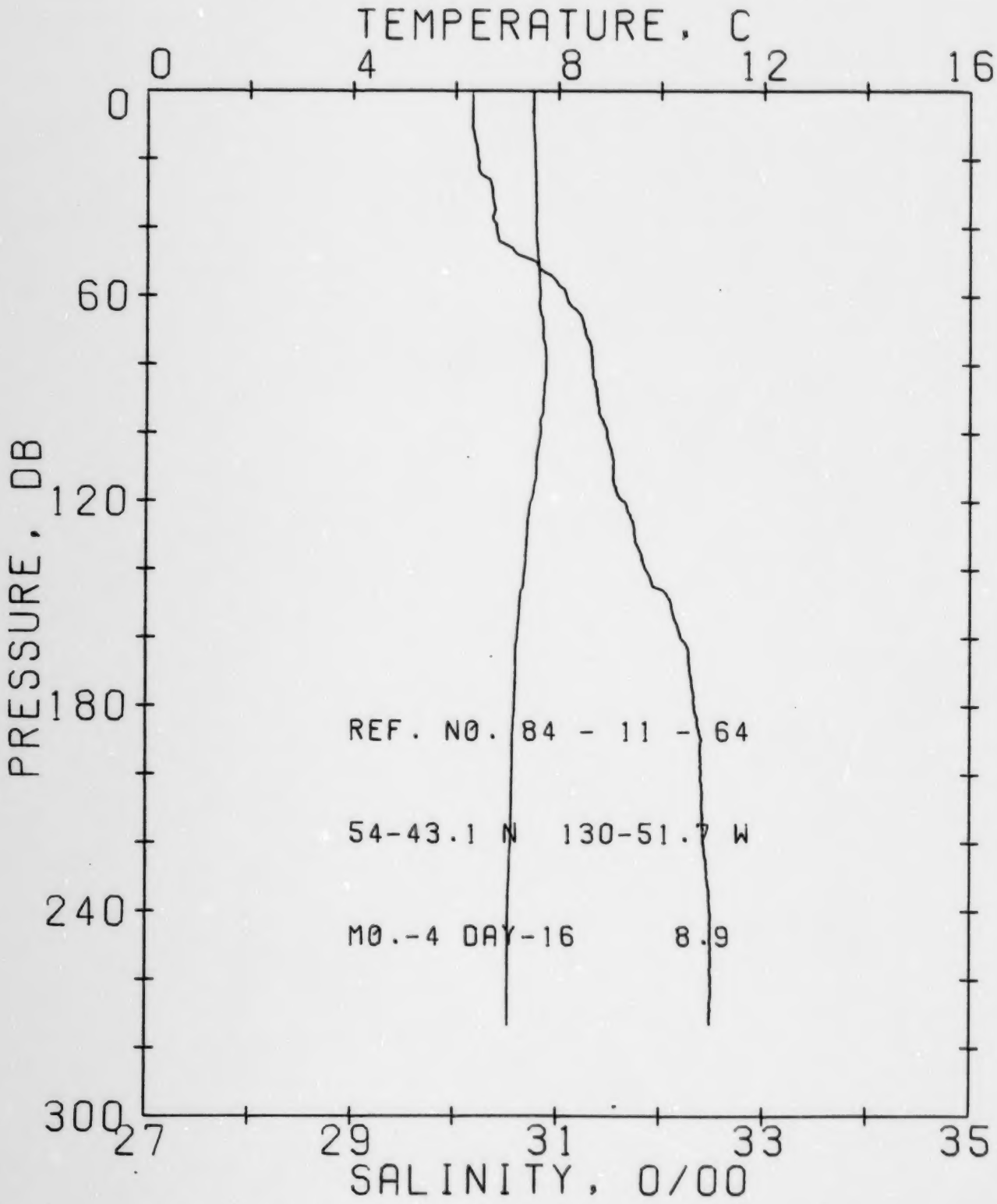
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 62 DATE 16/ 4/84
POSITION 54-43.1N, 131- 3.2W GMT 7.6 STATION Q128
RESULTS OF STP CAST 195 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.59	30.66	0	23.96	396.1	.00	.00	1476.
10	7.59	30.66	10	23.95	396.6	.40	.02	1476.
20	7.60	30.72	20	24.00	392.1	.79	.08	1476.
30	7.61	30.79	30	24.05	387.2	1.18	.18	1476.
50	7.65	30.97	50	24.19	374.6	1.95	.49	1477.
75	7.70	31.28	75	24.42	352.7	2.84	1.06	1478.
100	7.69	31.49	99	24.59	337.4	3.71	1.83	1479.
125	7.62	31.58	124	24.67	329.4	4.54	2.78	1479.
150	7.61	31.59	149	24.68	328.9	5.36	3.93	1479.
175	7.55	31.68	174	24.76	322.2	6.18	5.28	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 63
54-43.1 N 130-56.1 W
MO.-4 DAY-16 8:3
27
29
31
33
35
SALINITY, O/OO

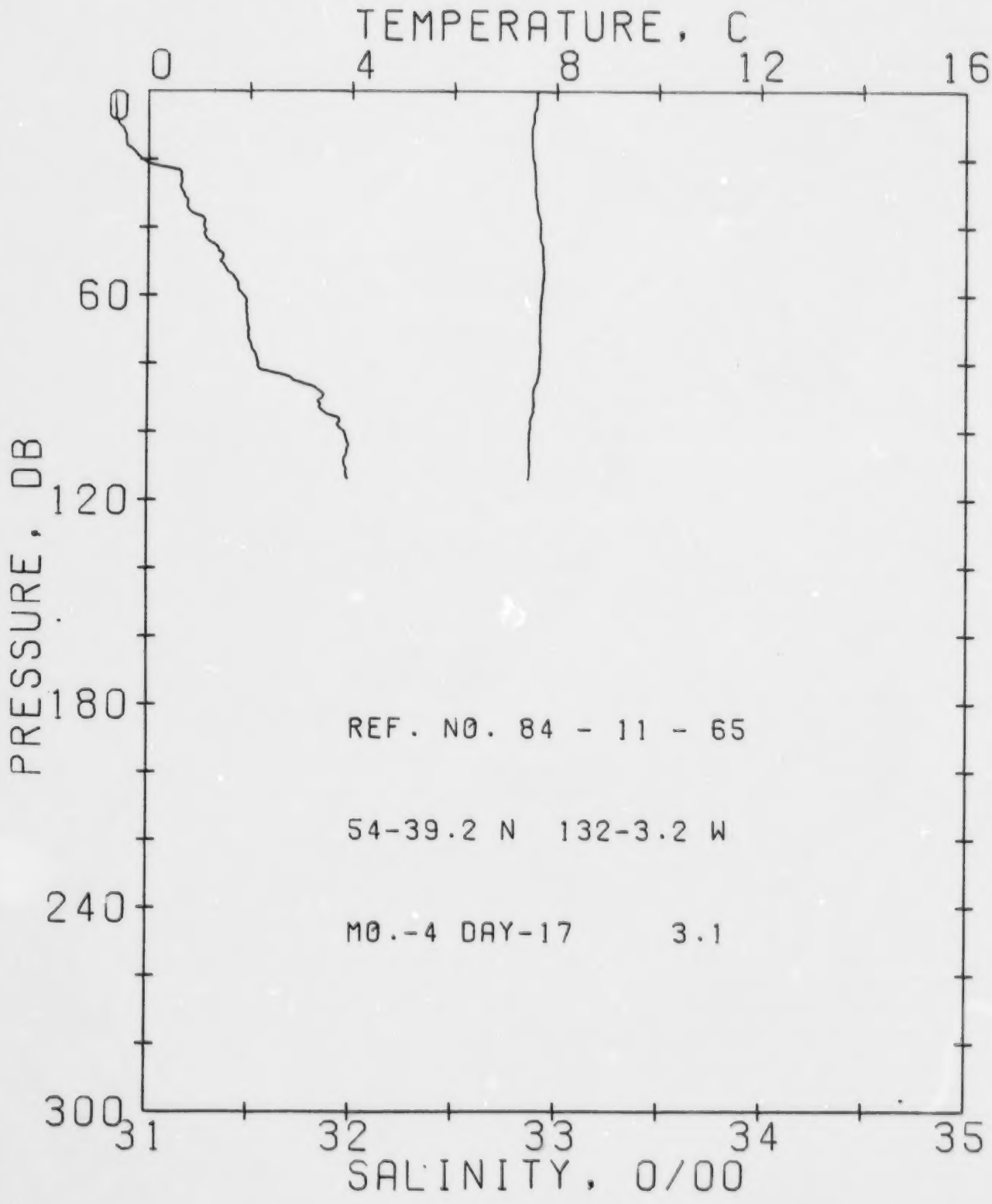
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 63 DATE 16/ 4/84
POSITION 54-43.1N, 130-56.1W GMT 8.3 STATION Q129
RESULTS OF STP CAST 322 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.54	30.30	0	23.68	422.3	.00	.00	1475.
10	7.54	30.30	10	23.68	422.3	.42	.02	1475.
20	7.55	30.31	20	23.68	422.4	.85	.09	1475.
30	7.54	30.35	30	23.72	418.8	1.27	.19	1476.
50	7.68	30.83	50	24.07	385.6	2.07	.52	1477.
75	7.69	31.24	75	24.39	355.6	2.99	1.10	1478.
100	7.64	31.42	99	24.54	341.7	3.86	1.88	1479.
125	7.39	31.82	124	24.89	308.7	4.67	2.80	1478.
150	7.31	32.03	149	25.06	292.5	5.42	3.86	1479.
175	7.19	32.27	174	25.27	273.0	6.13	5.03	1479.
200	7.11	32.41	199	25.39	262.1	6.80	6.30	1479.
225	7.10	32.42	224	25.40	261.4	7.45	7.72	1480.
250	7.08	32.44	248	25.42	259.8	8.10	9.29	1480.
300	7.05	32.49	298	25.46	256.7	9.39	12.91	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 64
54-43.1 N 130-51.7 W
MO.-4 DAY-16 8.9
27
29
31
33
35
SALINITY, O/OO

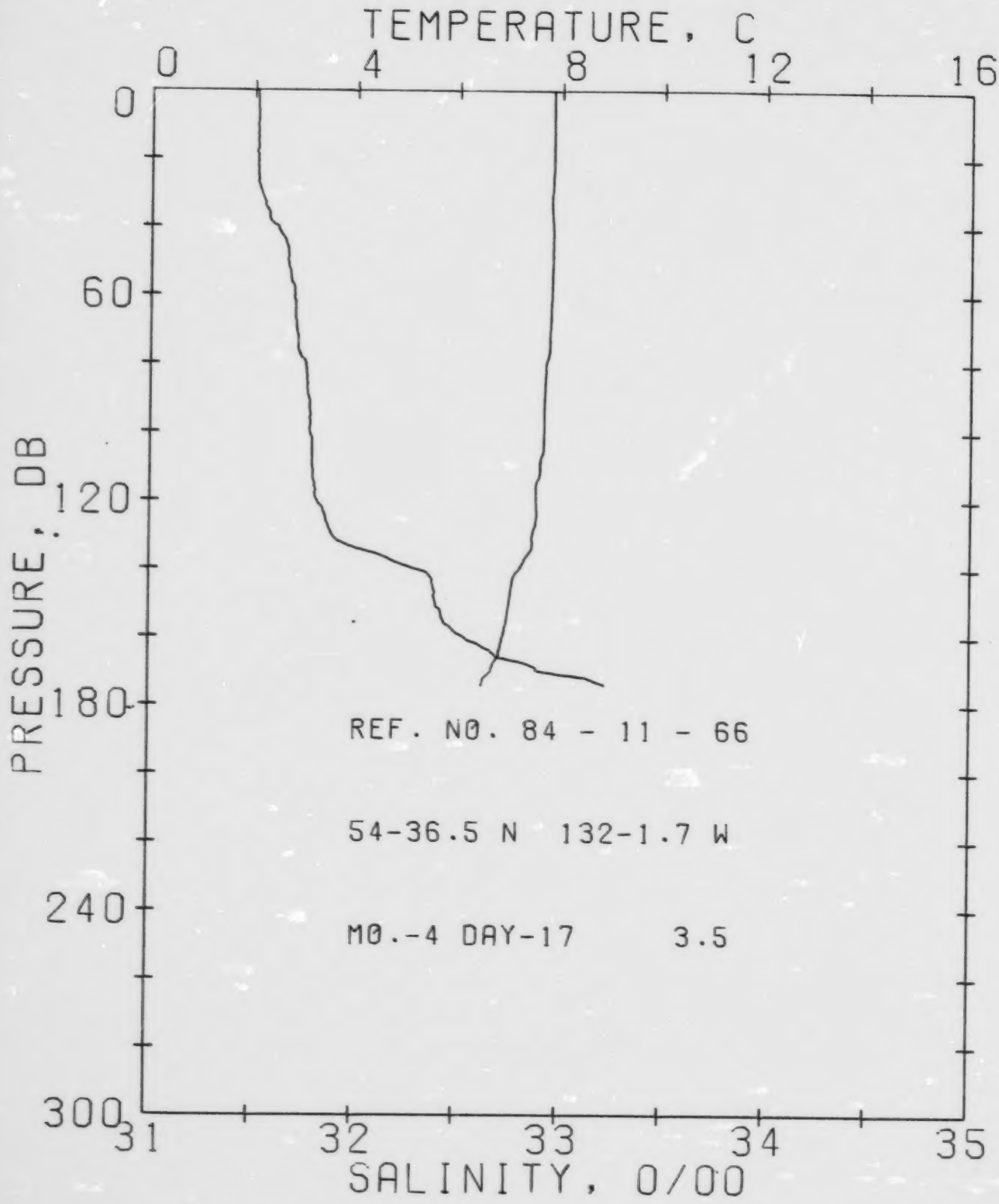
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 64 DATE 16/ 4/84
POSITION 54-43.1N, 130-51.7W GMT 8.9 STATION Q130
RESULTS OF STP CAST 273 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.51	30.16	0	23.58	432.3	.00	.00	1475.
10	7.51	30.16	10	23.58	432.6	.43	.02	1475.
20	7.54	30.22	20	23.62	428.6	.86	.09	1475.
30	7.56	30.36	30	23.72	419.0	1.29	.20	1476.
50	7.61	30.79	50	24.05	387.7	2.11	.53	1477.
75	7.75	31.32	75	24.45	349.8	3.02	1.11	1478.
100	7.67	31.48	99	24.58	337.7	3.89	1.88	1479.
125	7.42	31.71	124	24.80	317.4	4.71	2.82	1478.
150	7.26	32.10	149	25.12	286.7	5.48	3.89	1479.
175	7.17	32.31	174	25.30	270.4	6.17	5.04	1479.
200	7.12	32.39	199	25.37	263.9	6.84	6.31	1479.
225	7.08	32.44	224	25.42	259.5	7.49	7.73	1480.
250	7.04	32.49	248	25.46	256.1	8.13	9.29	1480.


TEMPERATURE, C
0
4
8
12
16
PRESSURE, DB
0
60
120
180
240
300
REF. NO. 84 - 11 - 65
54-39.2 N 132-3.2 W
MO.-4 DAY-17 3.1
31
32
33
34
35
SALINITY, O/OO

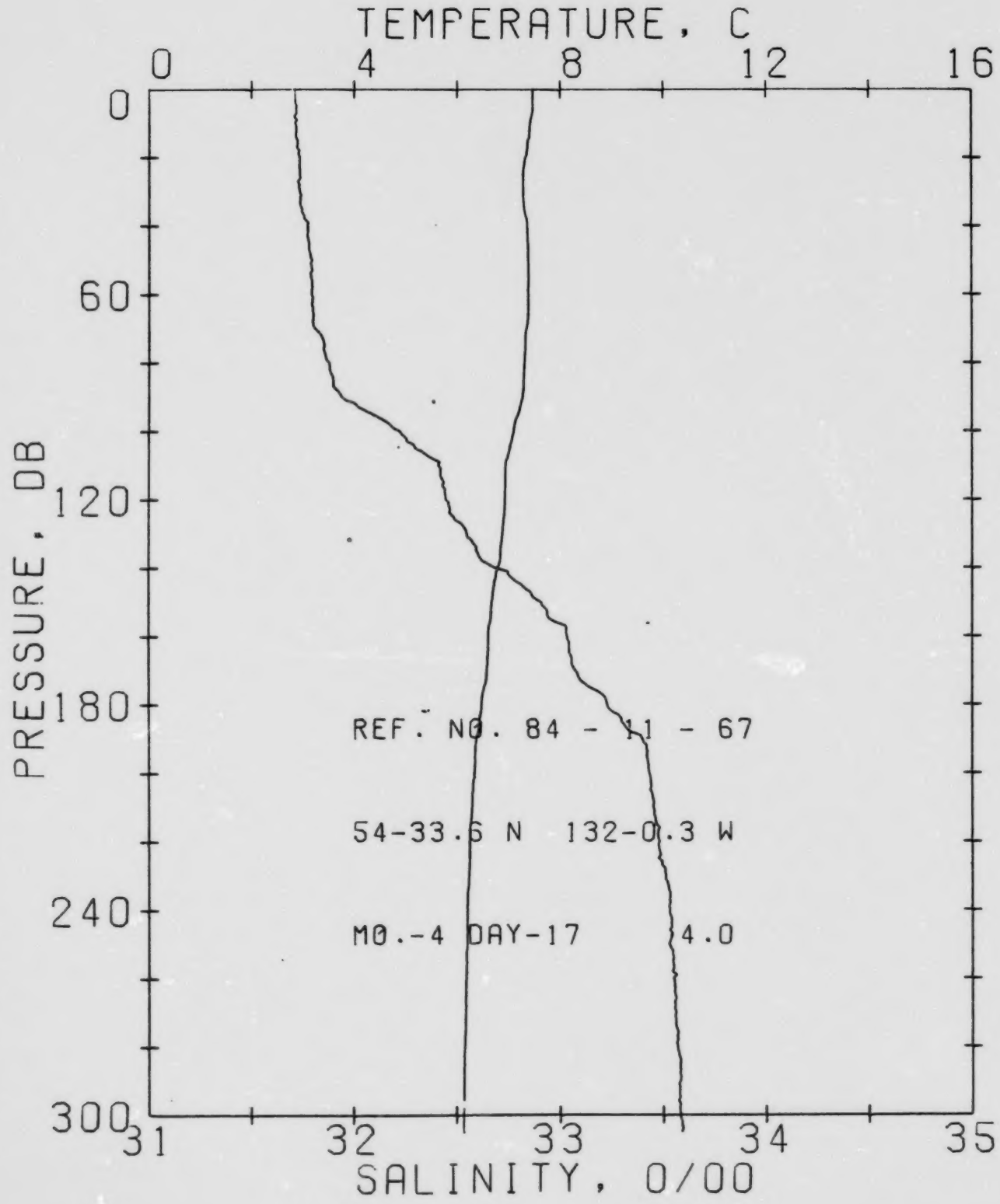
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 65 DATE 17/ 4/84
POSITION 54-39.2N, 132- 3.2W GMT 3.1 STATION Q104
RESULTS OF STP CAST 115 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.62	30.84	0	24.09	383.3	.00	.00	1476.
10	7.53	30.86	10	24.12	380.4	.38	.02	1476.
20	7.54	30.97	20	24.21	372.5	.76	.08	1476.
30	7.59	31.18	30	24.36	358.1	1.12	.17	1477.
50	7.74	31.35	50	24.47	347.5	1.83	.46	1478.
75	7.69	31.51	75	24.60	335.3	2.67	1.00	1478.
100	7.48	31.97	99	24.99	298.6	3.46	1.70	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 66
54-36.5 N 132-1.7 W
MO.-4 DAY-17 3.5
31
32
33
34
35
SALINITY, O/OO

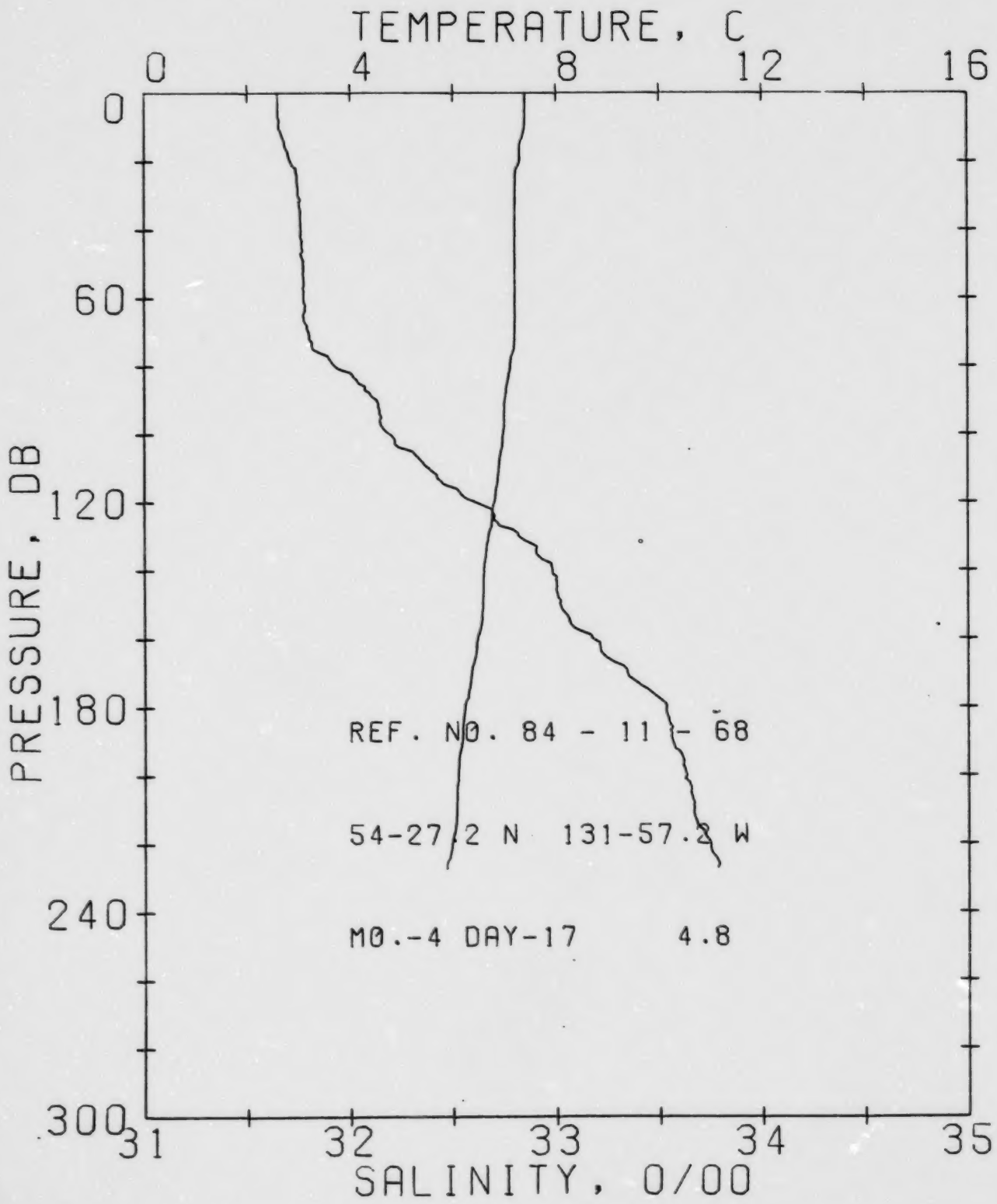
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 66 DATE 17/ 4/84
POSITION 54-36.5N, 132- 1.7W GMT 3.5 STATION Q105
RESULTS OF STP CAST 173 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.85	31.52	0	24.59	335.9	.00	.00	1478.
10	7.85	31.51	10	24.59	336.3	.34	.02	1478.
20	7.85	31.51	20	24.59	336.4	.67	.07	1478.
30	7.82	31.54	30	24.61	334.3	1.01	.15	1478.
50	7.84	31.66	50	24.70	325.6	1.67	.42	1479.
75	7.79	31.72	75	24.75	321.2	2.47	.94	1479.
100	7.69	31.78	99	24.81	315.6	3.26	1.64	1479.
125	7.55	31.86	124	24.90	308.1	4.05	2.54	1479.
150	7.03	32.40	149	25.39	261.2	4.75	3.52	1478.
175	6.46	33.27	174	26.15	189.5	5.32	4.45	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 67
54-33.6 N 132-0.3 W
MO.-4 DAY-17 4.0
31
32
33
34
35
SALINITY, O/OO

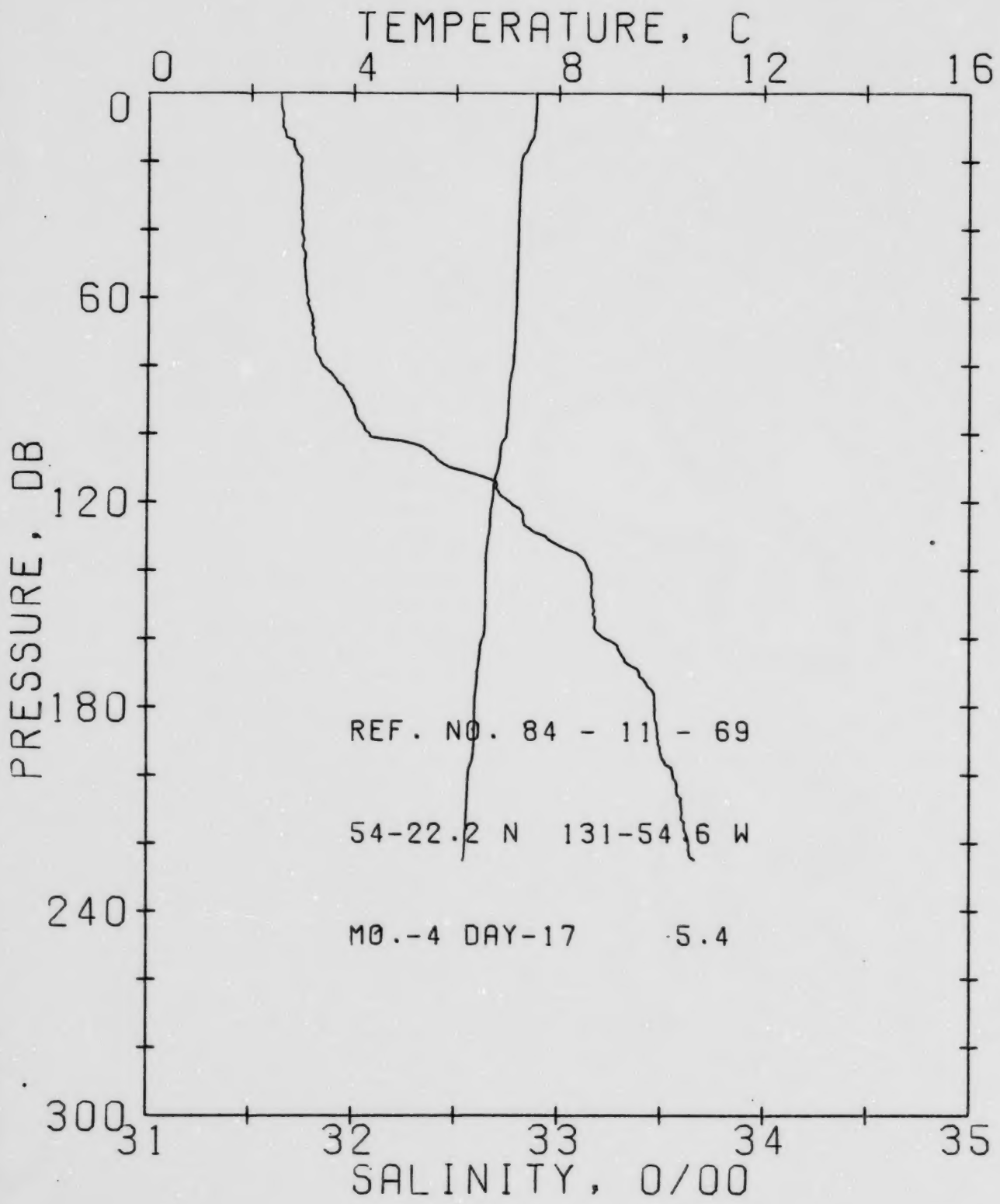
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 67 DATE 17/ 4/84
POSITION 54-33.6N, 132- .3W GMT 4.0 STATION Q106
RESULTS OF STP CAST 303 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.47	31.71	0	24.80	316.1	.00	.00	1477.
10	7.43	31.71	10	24.80	315.7	.32	.02	1477.
20	7.33	31.73	20	24.83	313.1	.63	.06	1476.
30	7.29	31.74	30	24.84	312.5	.94	.14	1476.
50	7.39	31.80	50	24.87	309.5	1.57	.40	1477.
75	7.33	31.86	75	24.93	304.7	2.34	.89	1477.
100	7.10	32.22	99	25.25	274.6	3.08	1.55	1477.
125	6.91	32.48	124	25.47	253.2	3.73	2.29	1477.
150	6.67	32.91	149	25.84	218.8	4.32	3.12	1477.
175	6.52	33.14	174	26.04	199.8	4.85	3.99	1478.
200	6.33	33.43	199	26.30	176.1	5.31	4.87	1478.
225	6.25	33.47	223	26.34	172.1	5.74	5.81	1478.
250	6.20	33.52	248	26.39	168.2	6.16	6.82	1478.
300	6.13	33.58	298	26.44	163.5	6.99	9.13	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 68
54-27.2 N 131-57.2 W
MO.-4 DAY-17 4.8
31
32
33
34
35
SALINITY, O/OO

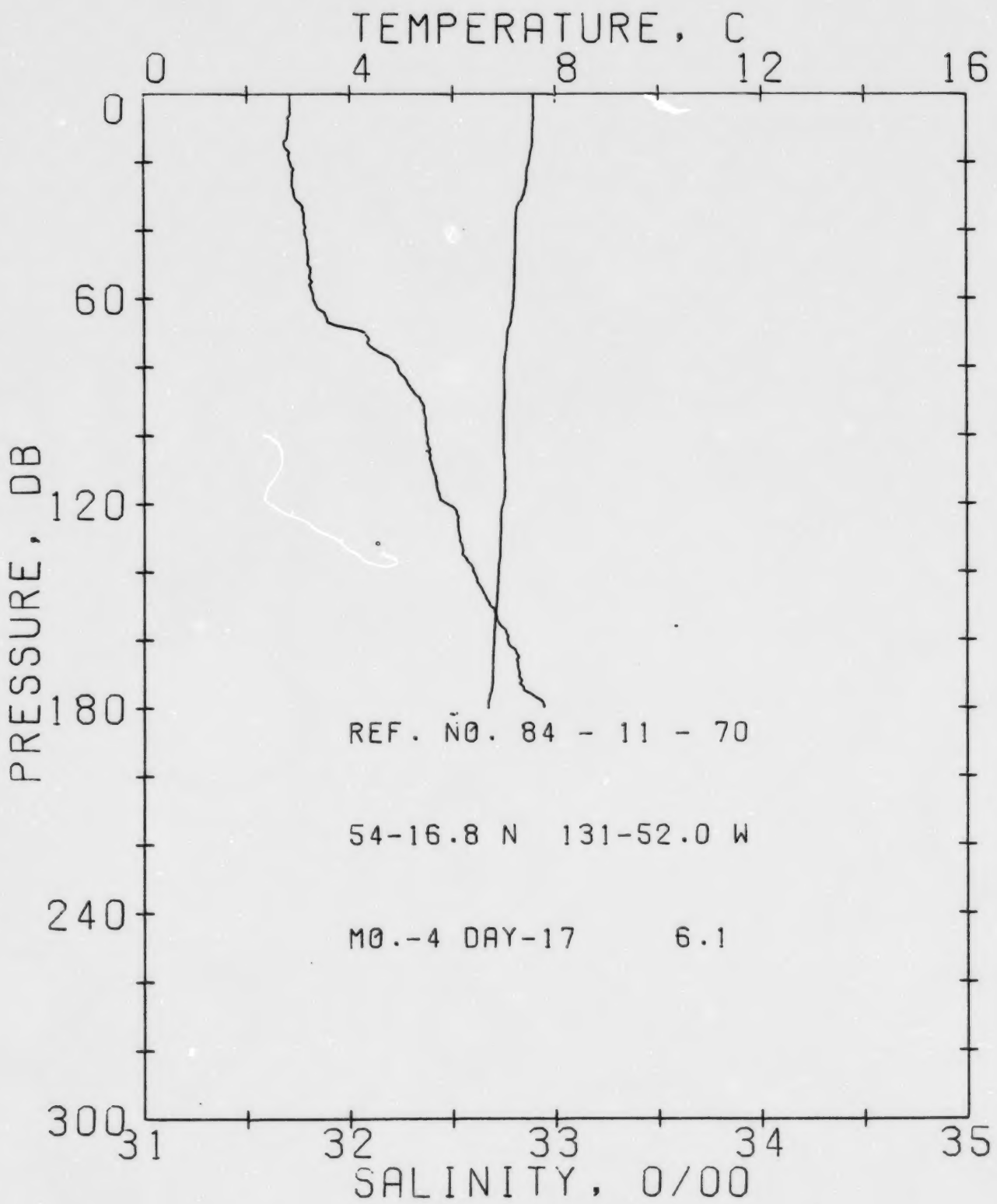
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 68 DATE 17/ 4/84
POSITION 54-27.2N, 131-57.2W GMT 4.8 STATION Q107
RESULTS OF STP CAST 227 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.41	31.65	0	24.76	319.9	.00	.00	1476.
10	7.40	31.65	10	24.76	319.8	.32	.02	1476.
20	7.30	31.71	20	24.82	314.2	.64	.06	1476.
30	7.22	31.75	30	24.86	310.6	.95	.14	1476.
50	7.21	31.77	50	24.88	309.0	1.57	.40	1476.
75	7.19	31.82	75	24.92	305.5	2.34	.89	1477.
100	6.97	32.19	99	25.24	275.1	3.05	1.52	1477.
125	6.76	32.70	124	25.66	235.3	3.69	2.25	1477.
150	6.58	33.02	149	25.94	209.4	4.23	3.01	1477.
175	6.31	33.45	174	26.31	174.1	4.72	3.81	1477.
200	6.09	33.63	199	26.48	158.1	5.13	4.60	1477.
225	5.89	33.79	223	26.63	144.6	5.51	5.42	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 69
54-22.2 N 131-54.6 W
MO.-4 DAY-17 5.4
31
32
33
34
35
SALINITY, O/OO

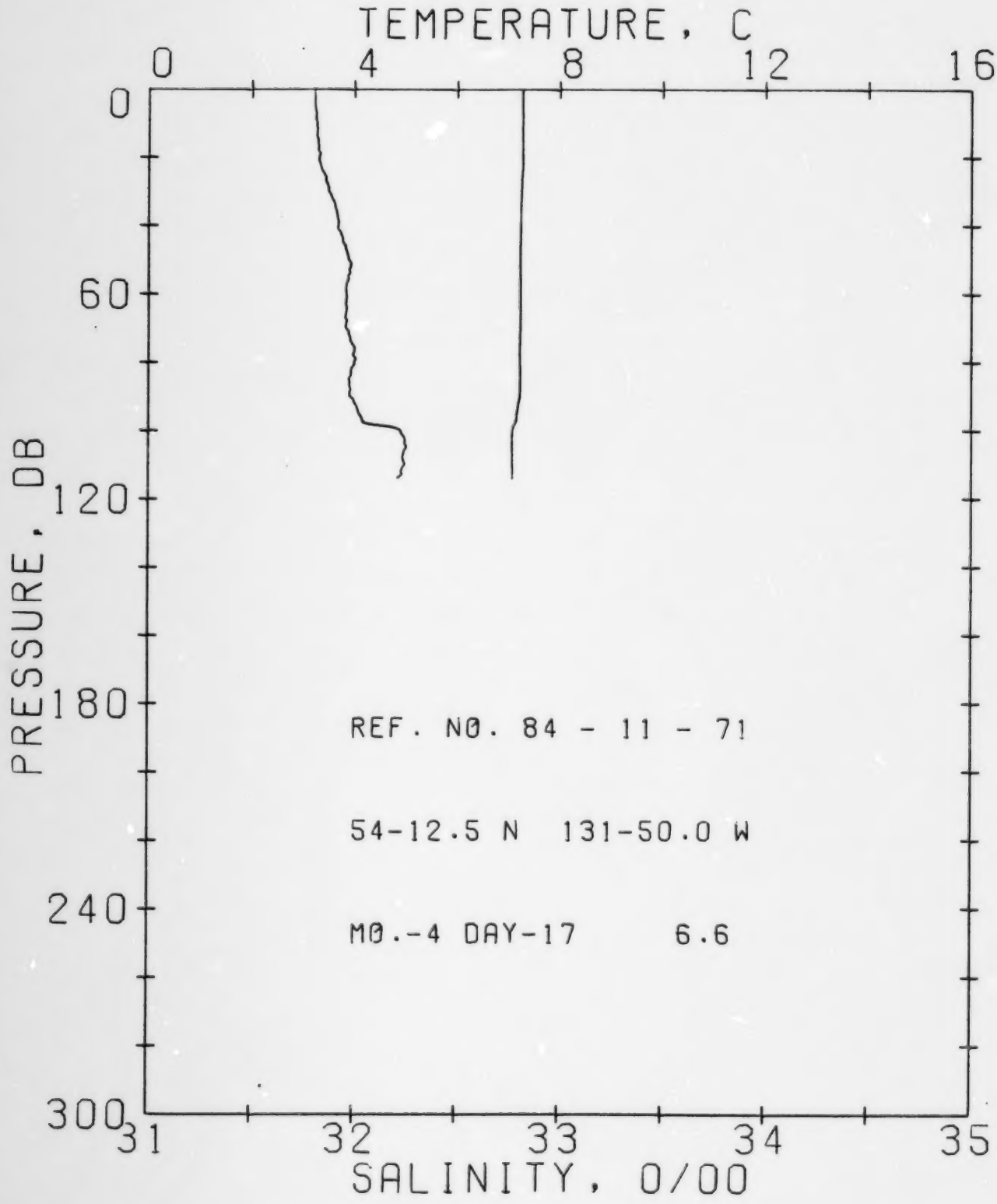
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 69 DATE 17/ 4/84
POSITION 54-22.2N, 131-54.6W GMT 5.4 STATION Q108
RESULTS OF STP CAST 224 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.56	31.65	0	24.73	322.3	.00	.00	1477.
10	7.54	31.65	10	24.74	321.8	.32	.02	1477.
20	7.27	31.75	20	24.85	311.1	.64	.06	1476.
30	7.24	31.75	30	24.85	311.0	.95	.14	1476.
50	7.20	31.76	50	24.87	309.9	1.57	.40	1476.
75	7.15	31.81	75	24.92	305.7	2.34	.89	1477.
100	7.00	32.08	99	25.15	283.9	3.08	1.54	1477.
125	6.68	32.83	124	25.78	224.3	3.69	2.24	1477.
150	6.59	33.17	149	26.06	198.2	4.21	2.96	1477.
175	6.41	33.46	174	26.31	174.9	4.68	3.74	1478.
200	6.26	33.56	199	26.40	165.7	5.11	4.56	1477.
225	6.15	33.67	223	26.50	156.7	5.51	5.44	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 70
54-16.8 N 131-52.0 W
MO.-4 DAY-17 6.1
31
32
33
34
35
SALINITY, O/OO

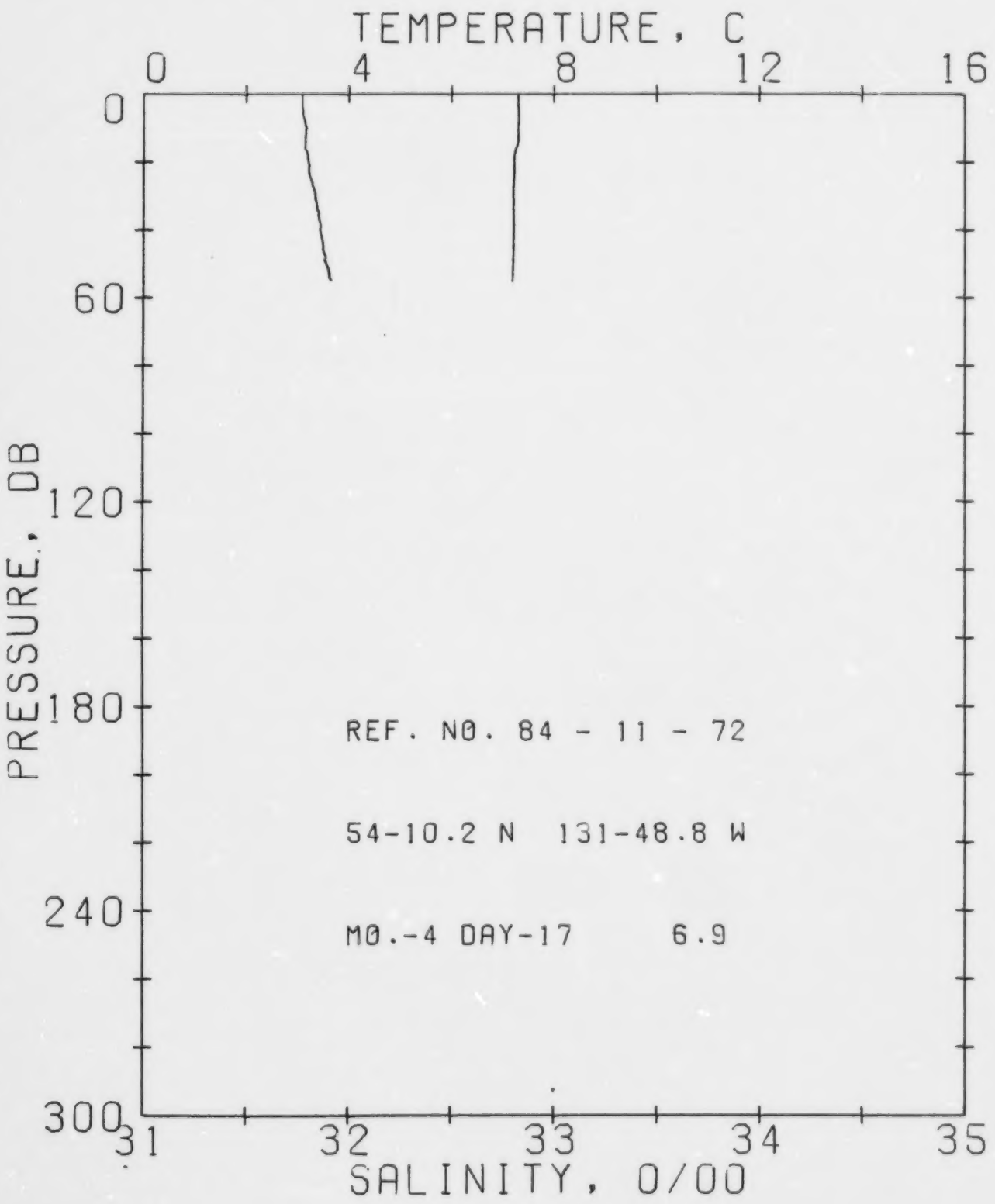
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 70 DATE 17/ 4/84
POSITION 54-16.8N, 131-52.0W GMT 6.1 STATION Q109
RESULTS OF STP CAST 181 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.58	31.71	0	24.78	317.7	.00	.00	1477.
10	7.57	31.70	10	24.77	318.4	.32	.02	1477.
20	7.50	31.71	20	24.79	316.8	.64	.06	1477.
30	7.38	31.73	30	24.82	314.0	.95	.15	1477.
50	7.22	31.80	50	24.89	307.4	1.57	.40	1477.
75	7.06	32.13	75	25.18	280.8	2.32	.87	1477.
100	6.99	32.37	99	25.38	262.0	2.99	1.47	1477.
125	6.94	32.52	124	25.50	250.5	3.63	2.21	1478.
150	6.85	32.68	149	25.64	237.9	4.24	3.06	1478.
175	6.75	32.85	174	25.78	224.6	4.82	4.02	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 71
54-12.5 N 131-50.0 W
MO.-4 DAY-17 6.6
31
32
33
34
35
SALINITY, O/OO

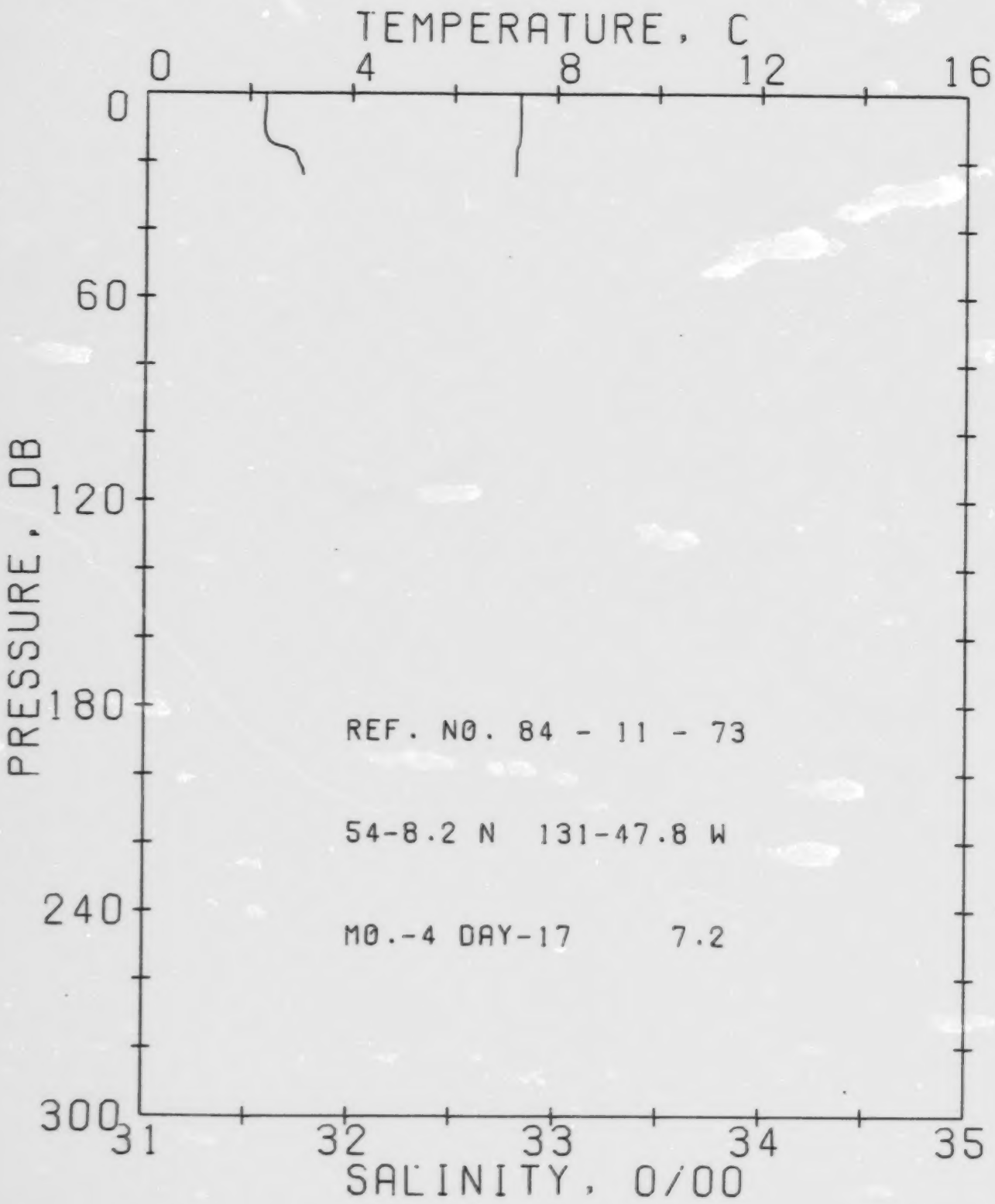
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 71 DATE 17/ 4/84
POSITION 54-12.5N, 131-50.0W GMT 6.6 STATION Q110
RESULTS OF STP CAST 115 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.27	31.81	0	24.90	306.6	.00	.00	1476.
10	7.27	31.82	10	24.91	305.8	.31	.02	1476.
20	7.28	31.83	20	24.91	305.4	.61	.06	1476.
30	7.26	31.87	30	24.95	302.0	.92	.14	1476.
50	7.23	31.97	50	25.03	294.3	1.51	.38	1477.
75	7.22	31.99	75	25.05	292.9	2.25	.85	1477.
100	7.08	32.23	99	25.25	273.9	2.98	1.50	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 72
54-10.2 N 131-48.8 W
MO.-4 DAY-17 6.9
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-`72 DATE 17/ 4/84
POSITION 54-10.2N, 131-48.8W GMT 6.9 STATION Q111
RESULTS OF STP CAST 56 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

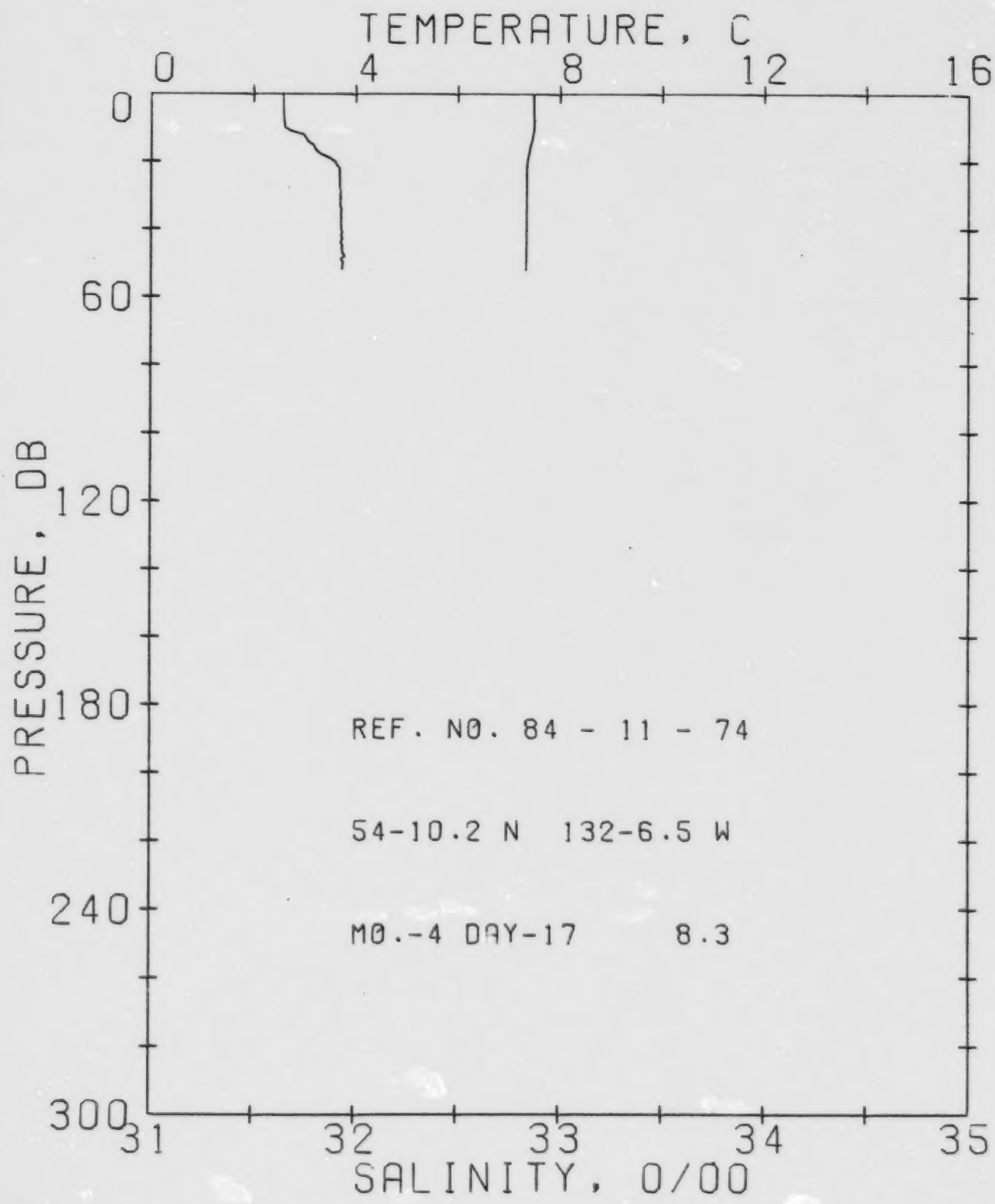
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.31	31.78	0	24.87	309.4	.00	.00	1476.
10	7.31	31.80	10	24.88	308.0	.31	.02	1476.
20	7.23	31.80	20	24.90	306.5	.62	.06	1476.
30	7.21	31.84	30	24.93	303.9	.92	.14	1476.
50	7.20	31.89	50	24.97	300.1	1.53	.39	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 73
54-8.2 N 131-47.8 W
MO.-4 DAY-17 7.2
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 73 DATE 17/ 4/84
POSITION 54- 8.2N, 131-47.8W GMT 7.2 STATION Q112
RESULTS OF STP CAST 25 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

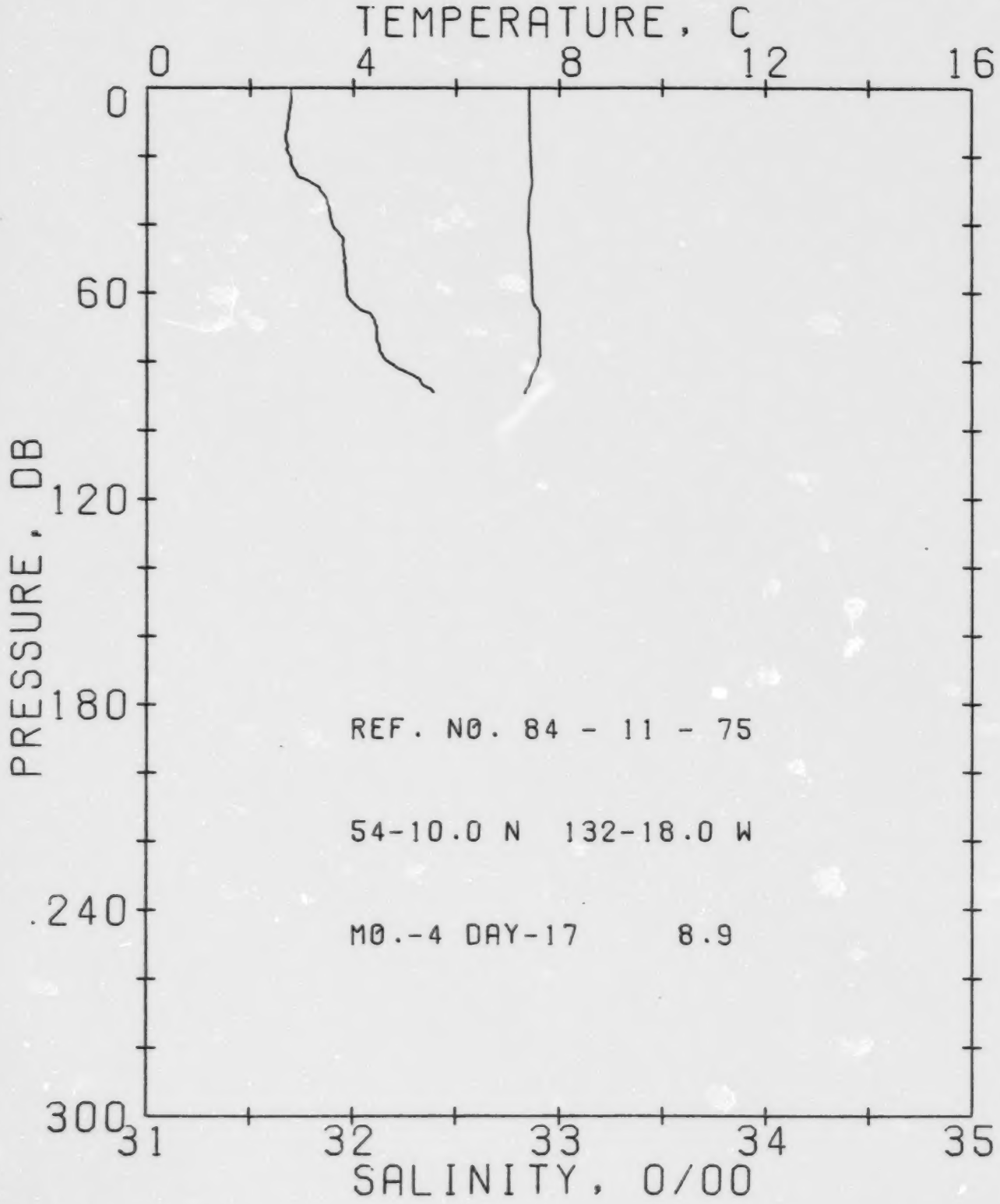
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.29	31.58	0	24.71	324.0	.00	.00	1476.
10	7.29	31.57	10	24.71	324.5	.32	.02	1476.
20	7.21	31.74	20	24.85	311.3	.64	.07	1476.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		7.29	31.58	13.		7.28	31.59
1.		7.29	31.58	14.		7.28	31.59
2.		7.29	31.58	15.		7.26	31.62
3.		7.29	31.58	16.		7.22	31.68
4.		7.29	31.58	17.		7.21	31.72
5.		7.29	31.58	18.		7.21	31.73
6.		7.29	31.57	19.		7.20	31.74
7.		7.29	31.57	20.		7.21	31.74
8.		7.29	31.57	21.		7.20	31.75
9.		7.29	31.57	22.		7.20	31.76
10.		7.29	31.57	23.		7.20	31.76
11.		7.29	31.57	24.		7.20	31.76
12.		7.29	31.58				


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 74
54-10.2 N 132-6.5 W
MO.-4 DAY-17 8.3
31
32
33
34
35
SALINITY, O/OO

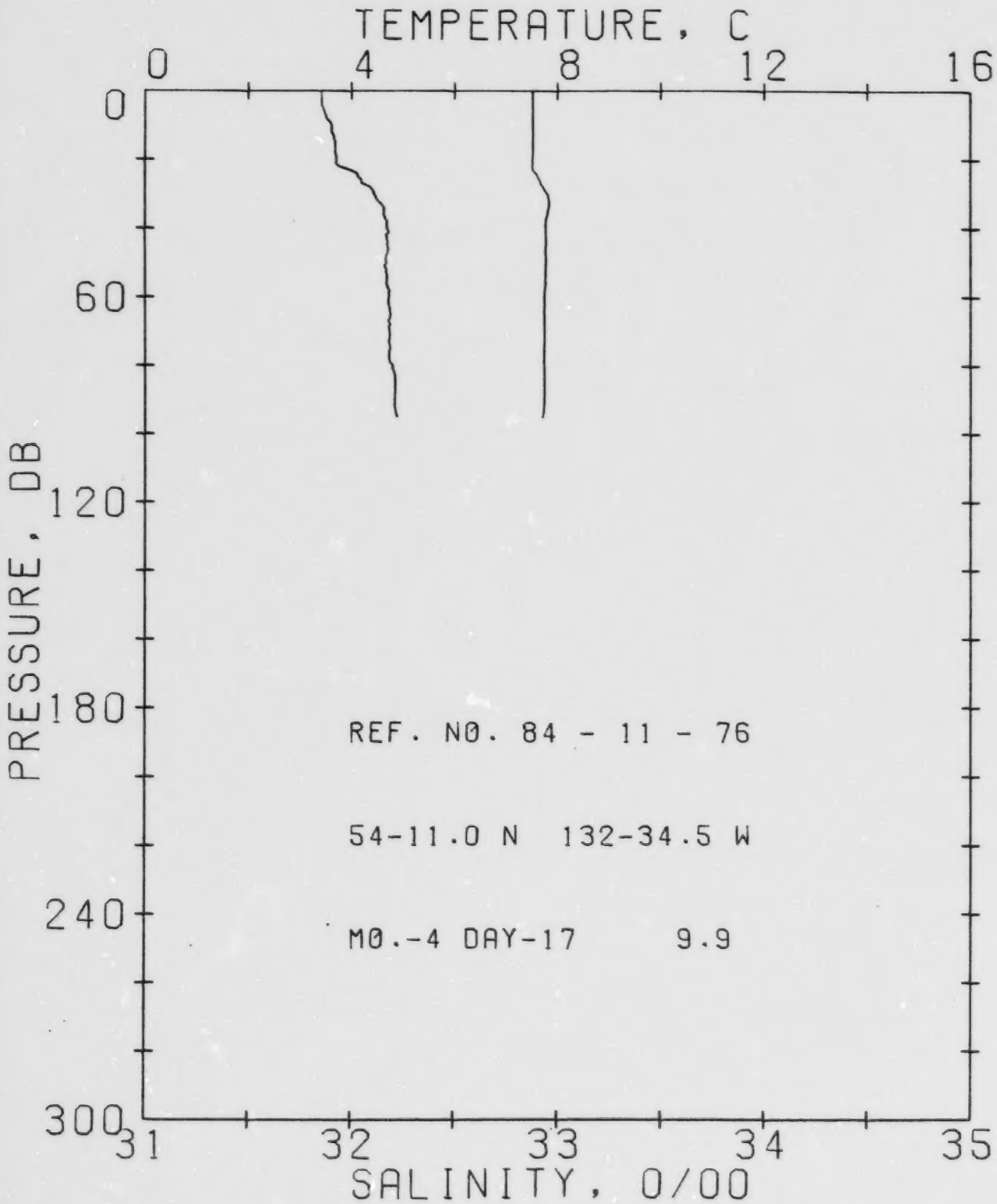
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 74 DATE 17/ 4/84
POSITION 54-10.2N, 132- 6.5W GMT 8.3 STATION QC60
RESULTS OF STP CAST 53 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.49	31.65	0	24.74	321.4	.00	.00	1477.
10	7.50	31.66	10	24.75	321.0	.32	.02	1477.
20	7.36	31.90	20	24.96	301.1	.63	.06	1477.
30	7.35	31.92	30	24.98	299.3	.93	.14	1477.
50	7.34	31.94	50	24.99	298.3	1.53	.38	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 75
54-10.0 N 132-18.0 W
MO.-4 DAY-17 8.9
31
32
33
34
35
SALINITY, O/OO

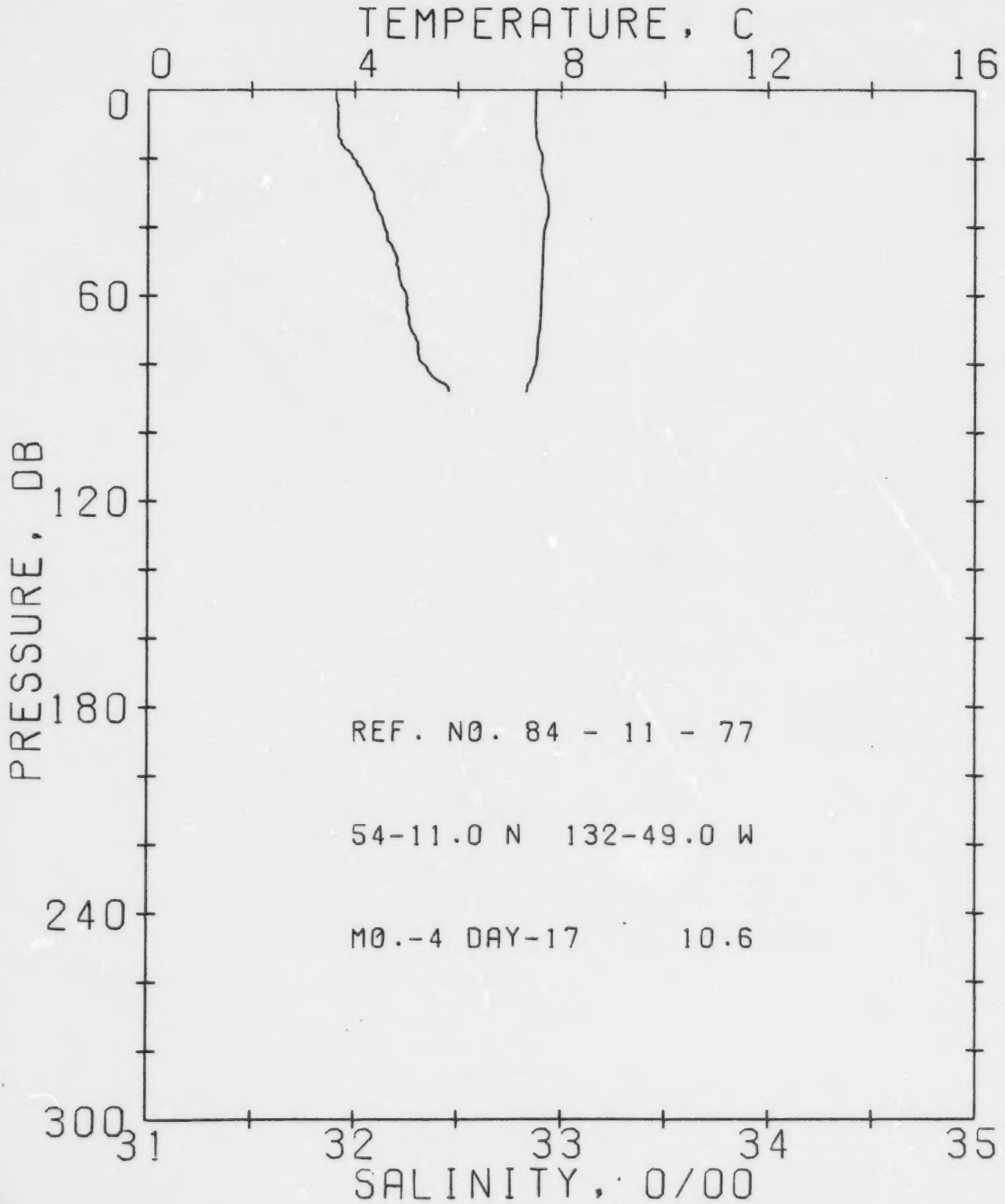
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 75 DATE 17/ 4/84
POSITION 54-10.0N, 132-18.0W GMT 8.9 STATION QC41
RESULTS OF STP CAST 90 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.42	31.70	0	24.79	316.6	.00	.00	1476.
10	7.42	31.68	10	24.78	318.2	.32	.02	1477.
20	7.45	31.70	20	24.79	317.2	.64	.06	1477.
30	7.45	31.84	30	24.90	306.9	.95	.14	1477.
50	7.45	31.96	50	24.99	298.2	1.55	.39	1478.
75	7.62	32.13	75	25.10	288.4	2.29	.86	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 76
54-11.0 N 132-34.5 W
MO.-4 DAY-17 9.9
31
32
33
34
35
SALINITY, O/OO

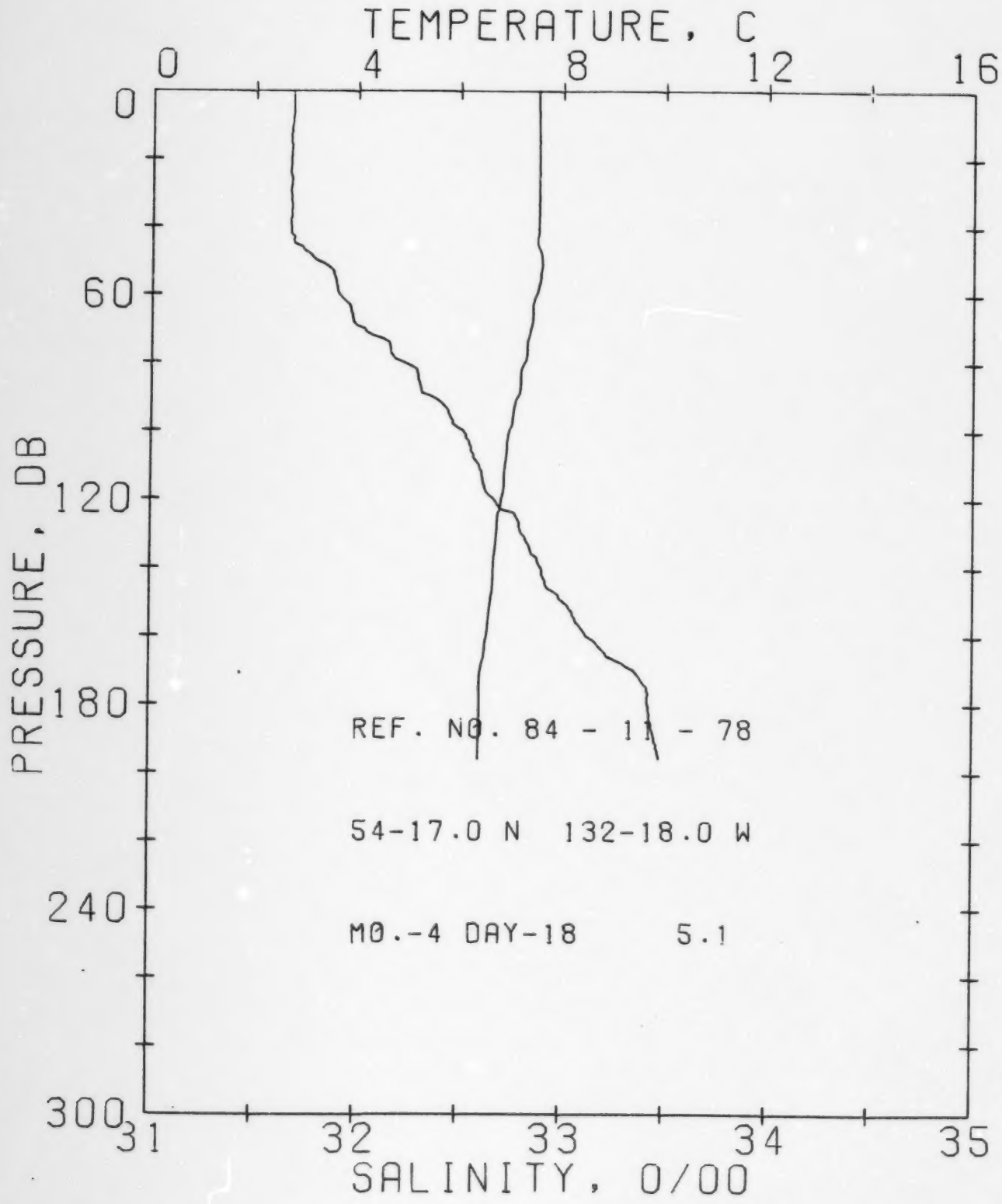
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 76 DATE 17/ 4/84
POSITION 54-11.0N, 132-34.5W GMT 9.9 STATION QC63
RESULTS OF STP CAST 96 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.52	31.86	0	24.90	306.1	.00	.00	1477.
10	7.52	31.91	10	24.94	302.6	.31	.02	1477.
20	7.51	31.93	20	24.96	301.0	.61	.06	1477.
30	7.81	32.11	30	25.06	291.3	.90	.14	1479.
50	7.77	32.17	50	25.11	286.9	1.48	.37	1479.
75	7.74	32.19	75	25.13	285.2	2.19	.83	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 77
54-11.0 N 132-49.0 W
MO.-4 DAY-17 10.6
31
32
33
34
35
SALINITY, O/OO

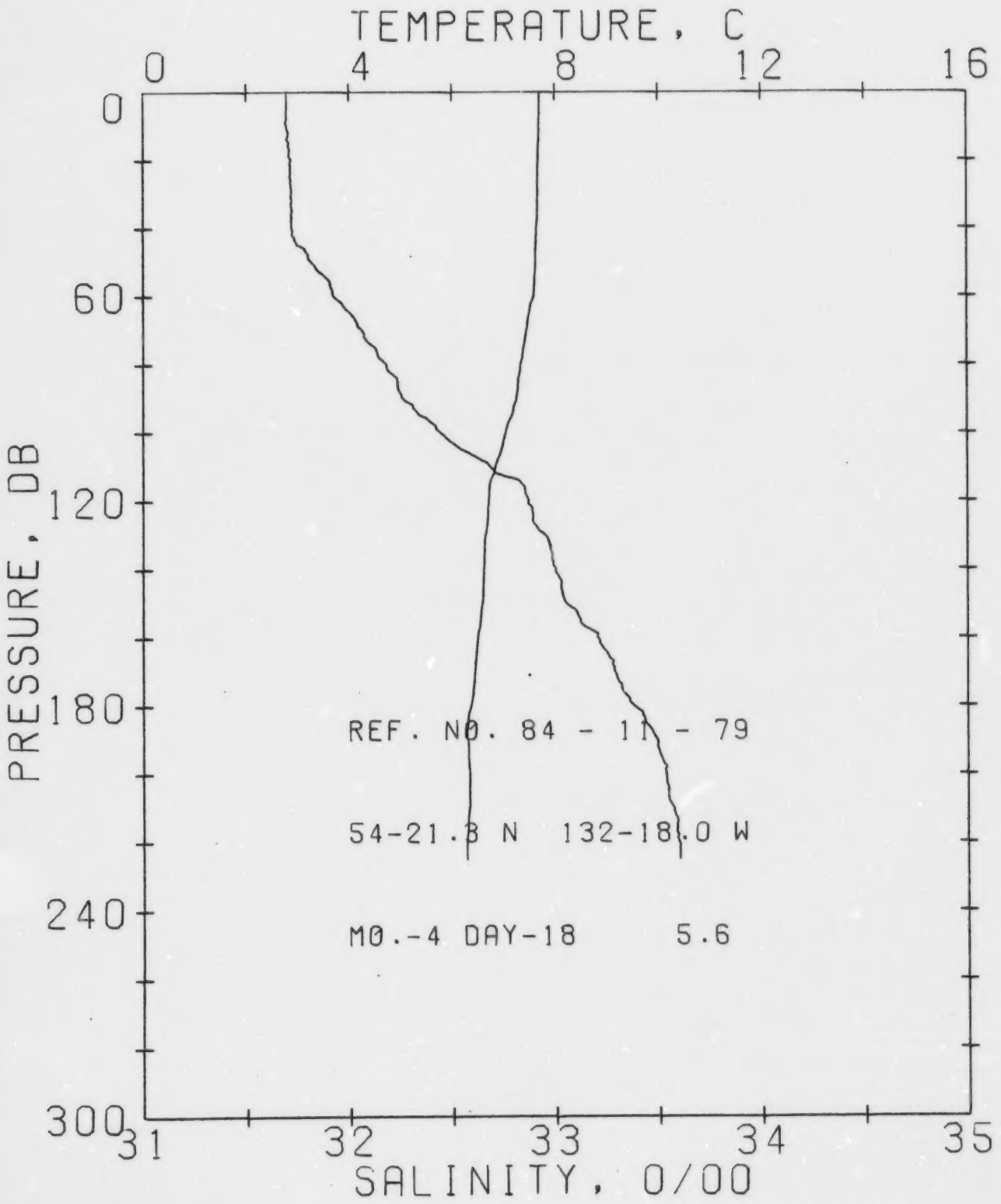
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 77 DATE 17/ 4/84
POSITION 54-11.0N, 132-49.0W GMT 10.6 STATION Q139
RESULTS OF STP CAST 89 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.51	31.91	0	24.94	301.9	.00	.00	1477.
10	7.50	31.92	10	24.95	301.4	.30	.02	1477.
20	7.65	31.99	20	24.99	298.1	.60	.06	1478.
30	7.73	32.09	30	25.06	291.6	.90	.14	1479.
50	7.66	32.21	50	25.16	282.3	1.47	.37	1479.
75	7.55	32.31	75	25.25	273.8	2.17	.81	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 78
54-17.0 N 132-18.0 W
MO.-4 DAY-18 5.1
31
32
33
34
35
SALINITY, O/OO

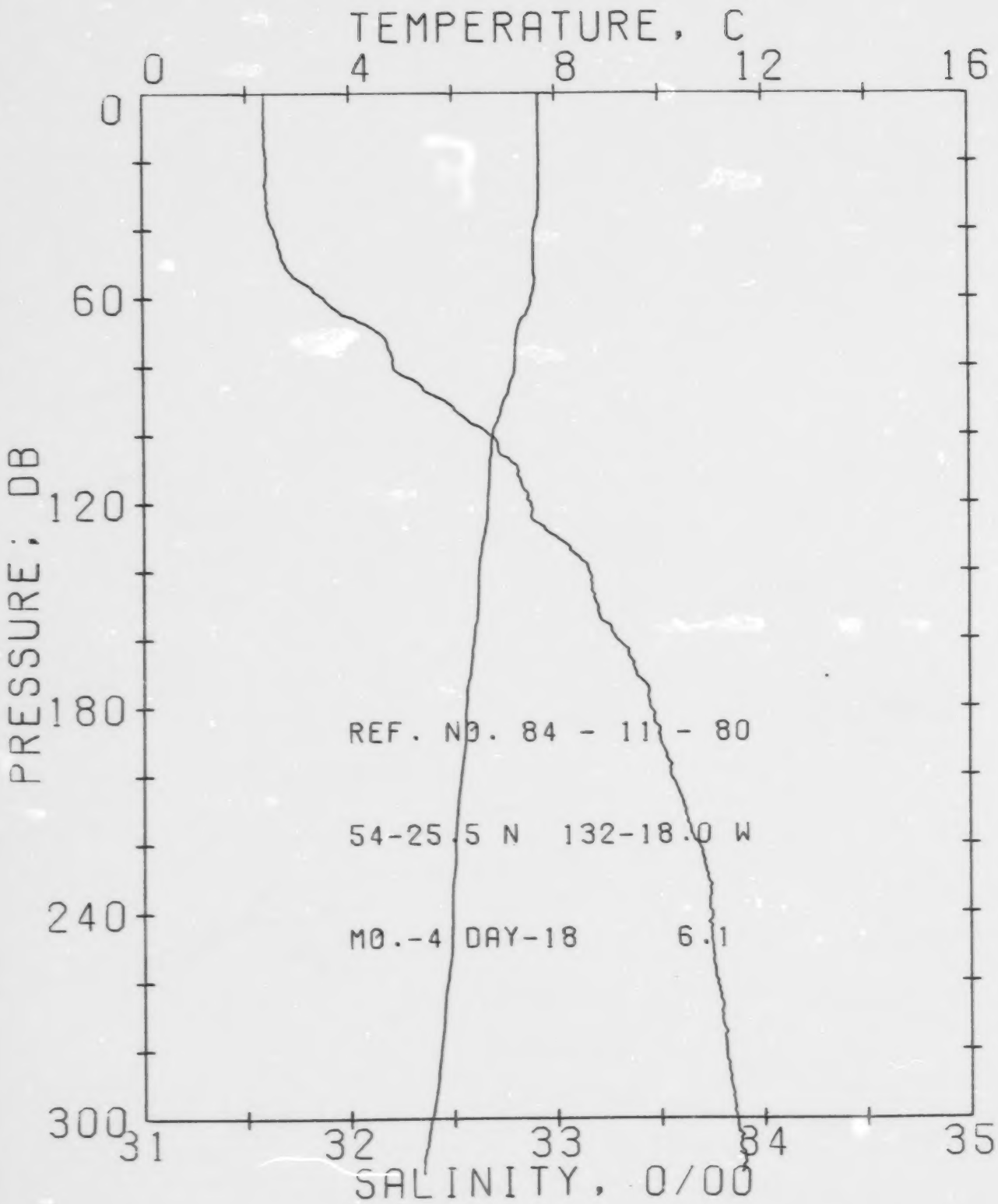
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 78 DATE 18/ 4/84
POSITION 54-17.0N, 132-18.0W GMT 5.1 STATION QC42
RESULTS OF STP CAST 197 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.52	31.68	0	24.76	319.0	.00	.00	1477.
10	7.53	31.68	10	24.76	319.9	.32	.02	1477.
20	7.54	31.67	20	24.75	320.6	.64	.07	1477.
30	7.54	31.67	30	24.75	320.6	.96	.15	1477.
50	7.60	31.80	50	24.85	312.0	1.60	.41	1478.
75	7.32	32.16	75	25.17	281.9	2.34	.88	1478.
100	6.98	32.52	99	25.49	251.0	3.01	1.47	1477.
125	6.75	32.78	124	25.73	229.1	3.62	2.17	1477.
150	6.62	33.01	149	25.93	210.6	4.17	2.94	1477.
175	6.41	33.42	174	26.28	177.7	4.66	3.75	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 79
54-21.3 N 132-18.0 W
MO.-4 DAY-18 5.6
31
32
33
34
35
SALINITY, O/OO

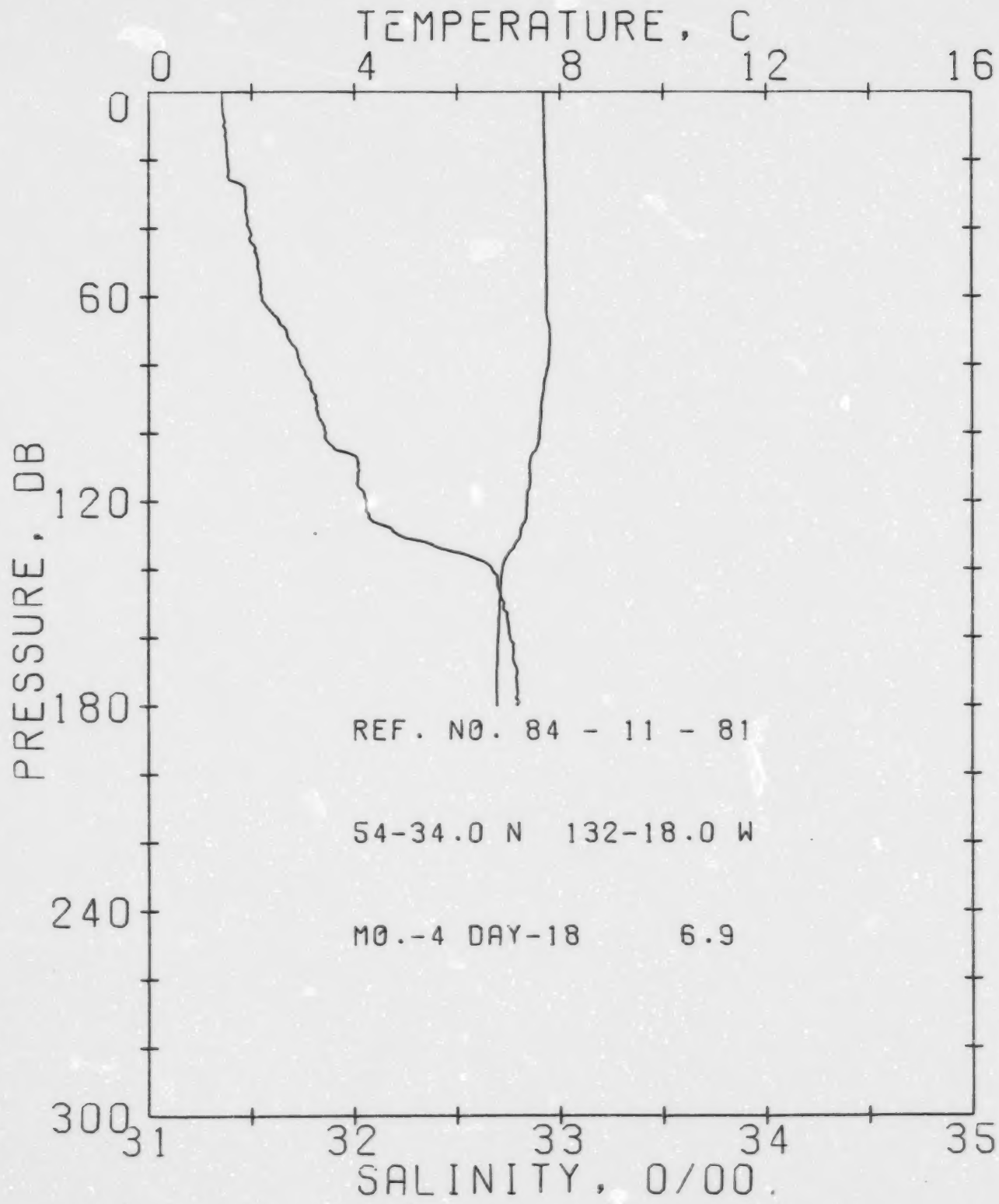
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 79 DATE 18/ 4/84
POSITION 54-21.3N, 132-18.0W GMT 5.6 STATION QC43
RESULTS OF STP CAST 226 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.71	31.70	0	24.75	320.3	.00	.00	1477.
10	7.70	31.70	10	24.75	320.4	.32	.02	1478.
20	7.68	31.72	20	24.77	318.7	.64	.07	1478.
30	7.67	31.72	30	24.77	318.8	.96	.15	1478.
50	7.63	31.82	50	24.85	311.3	1.59	.40	1478.
75	7.39	32.13	75	25.13	285.3	2.34	.88	1478.
100	7.04	32.44	99	25.43	257.5	3.02	1.49	1477.
125	6.69	32.89	124	25.82	220.0	3.61	2.16	1477.
150	6.59	33.05	149	25.96	207.0	4.14	2.90	1477.
175	6.40	33.32	174	26.20	185.0	4.62	3.70	1477.
200	6.32	33.53	199	26.38	168.4	5.06	4.53	1478.
225	6.27	33.60	223	26.44	163.1	5.47	5.43	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE; DB
REF. NO. 84 - 11 - 80
54-25.5 N 132-18.0 W
MO.-4 DAY-18 6.1
31
32
33
34
35
SALINITY, O/OO

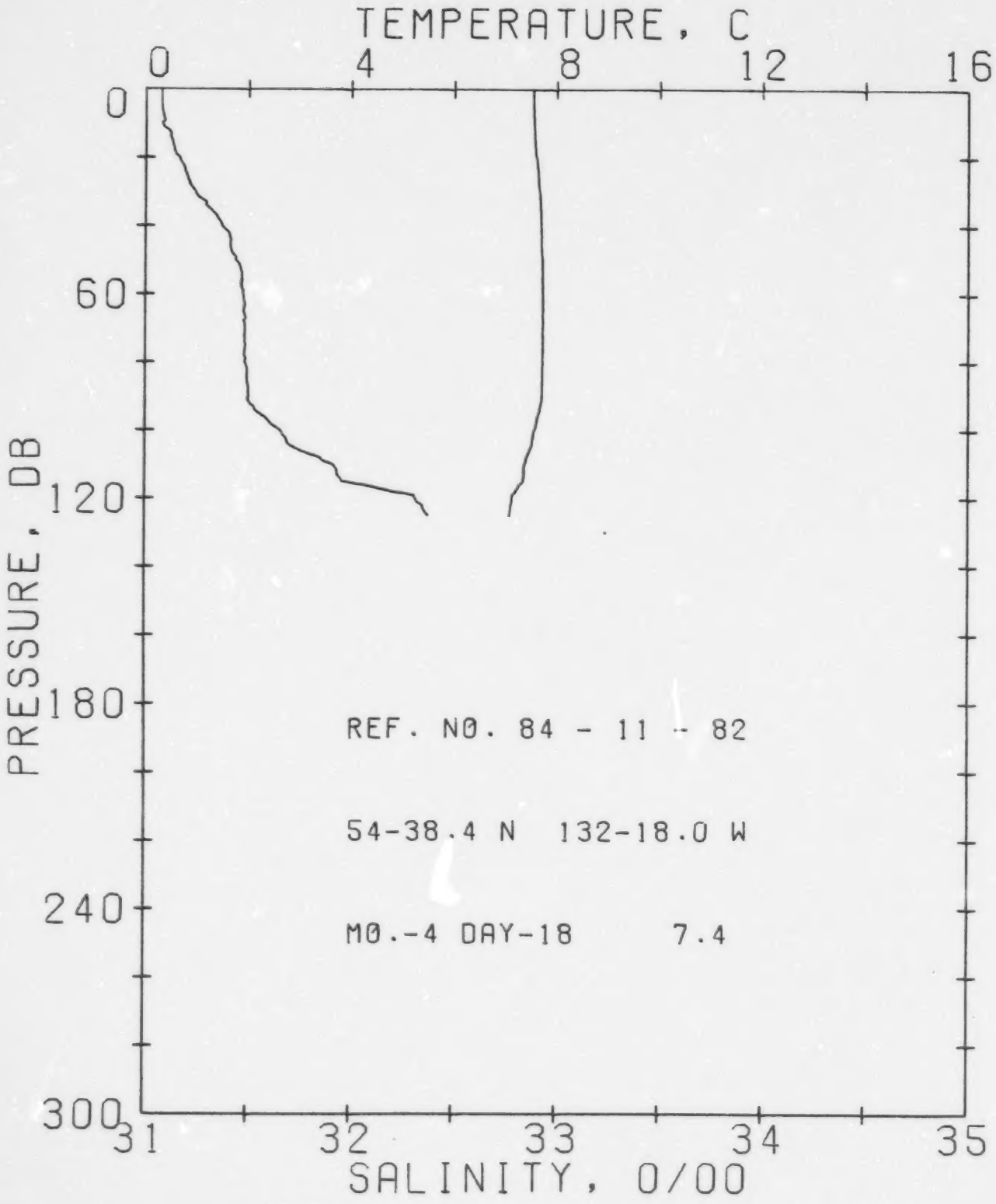
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 80 DATE 18/ 4/84
POSITION 54-25.5N, 132-18.0W GMT 6.1 STATION QC44
RESULTS OF STP CAST 313 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.69	31.59	0	24.67	328.2	.00	.00	1477.
10	7.69	31.59	10	24.67	328.4	.33	.02	1477.
20	7.70	31.60	20	24.67	328.0	.66	.07	1478.
30	7.69	31.60	30	24.68	327.9	.98	.15	1478.
50	7.59	31.69	50	24.76	320.1	1.63	.41	1478.
75	7.23	32.19	75	25.20	278.3	2.38	.89	1477.
100	6.78	32.68	99	25.65	236.6	3.04	1.47	1477.
125	6.67	32.89	124	25.82	220.1	3.60	2.12	1477.
150	6.48	33.20	149	26.09	194.7	4.11	2.82	1477.
175	6.27	33.45	174	26.32	173.8	4.57	3.59	1477.
200	6.15	33.55	199	26.41	165.3	4.99	4.40	1477.
225	6.03	33.71	223	26.56	151.7	5.39	5.25	1477.
250	5.95	33.75	248	26.60	148.1	5.76	6.16	1477.
300	5.56	33.86	298	26.73	135.8	6.47	8.15	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 81
54-34.0 N 132-18.0 W
MO.-4 DAY-18 6.9
31
32
33
34
35
SALINITY, O/OO.

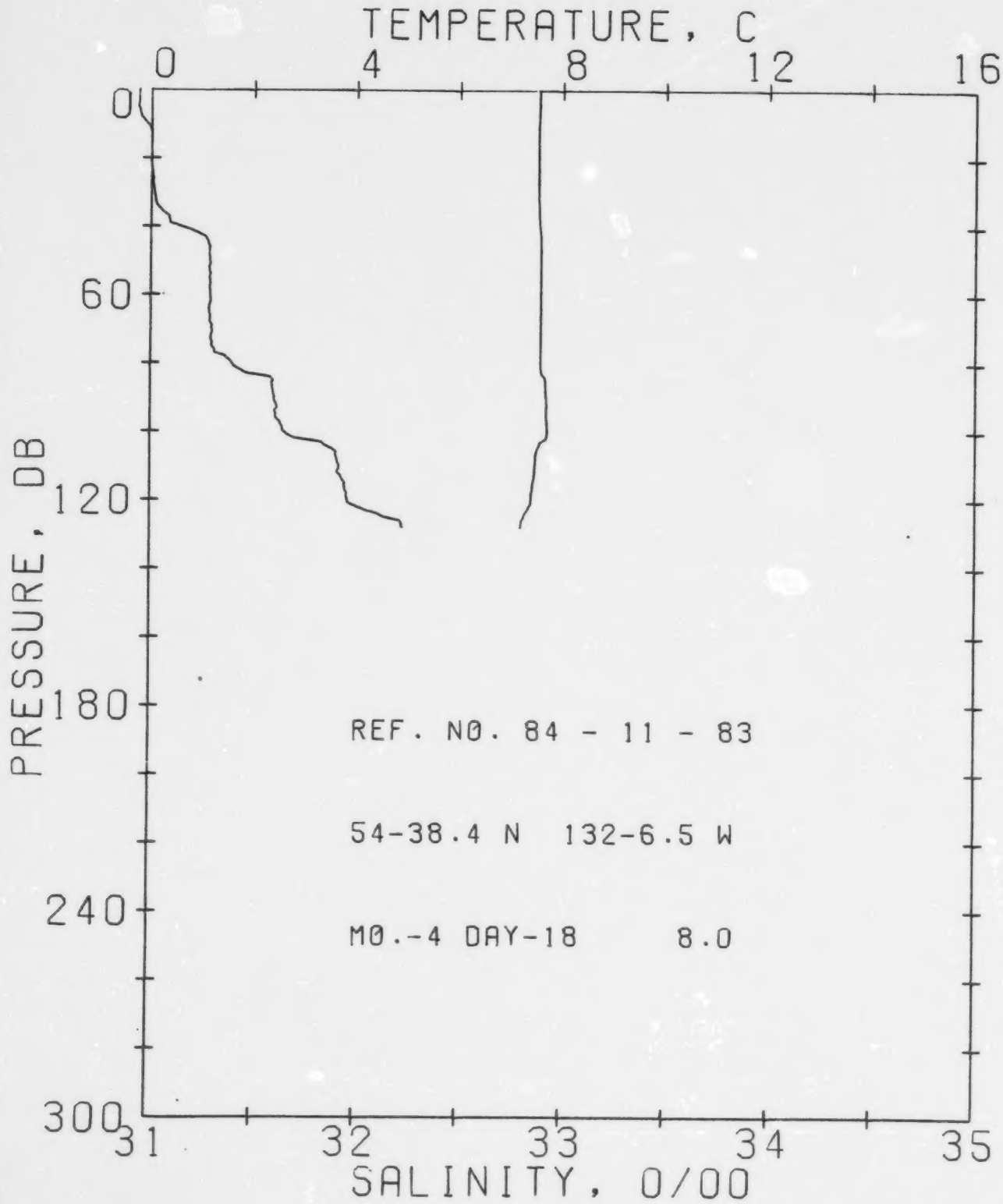
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 81 DATE 18/ 4/84
POSITION 54-34.0N, 132-18.0W GMT 6.9 STATION QC45
RESULTS OF STP CAST 179 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.69	31.36	0	24.49	345.6	.00	.00	1477.
10	7.69	31.36	10	24.49	345.4	.35	.02	1477.
20	7.70	31.38	20	24.51	344.0	.69	.07	1477.
30	7.73	31.47	30	24.57	338.1	1.03	.16	1478.
50	7.72	31.53	50	24.62	333.7	1.71	.43	1478.
75	7.79	31.72	75	24.75	321.3	2.53	.96	1479.
100	7.59	31.86	99	24.89	308.2	3.32	1.66	1479.
125	7.34	32.07	124	25.09	289.6	4.06	2.50	1479.
150	6.81	32.73	149	25.68	233.9	4.69	3.39	1478.
175	6.75	32.79	174	25.74	229.0	5.27	4.34	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 82
54-38.4 N 132-18.0 W
MO.-4 DAY-18 7.4
31
32
33
34
35
SALINITY, O/OO

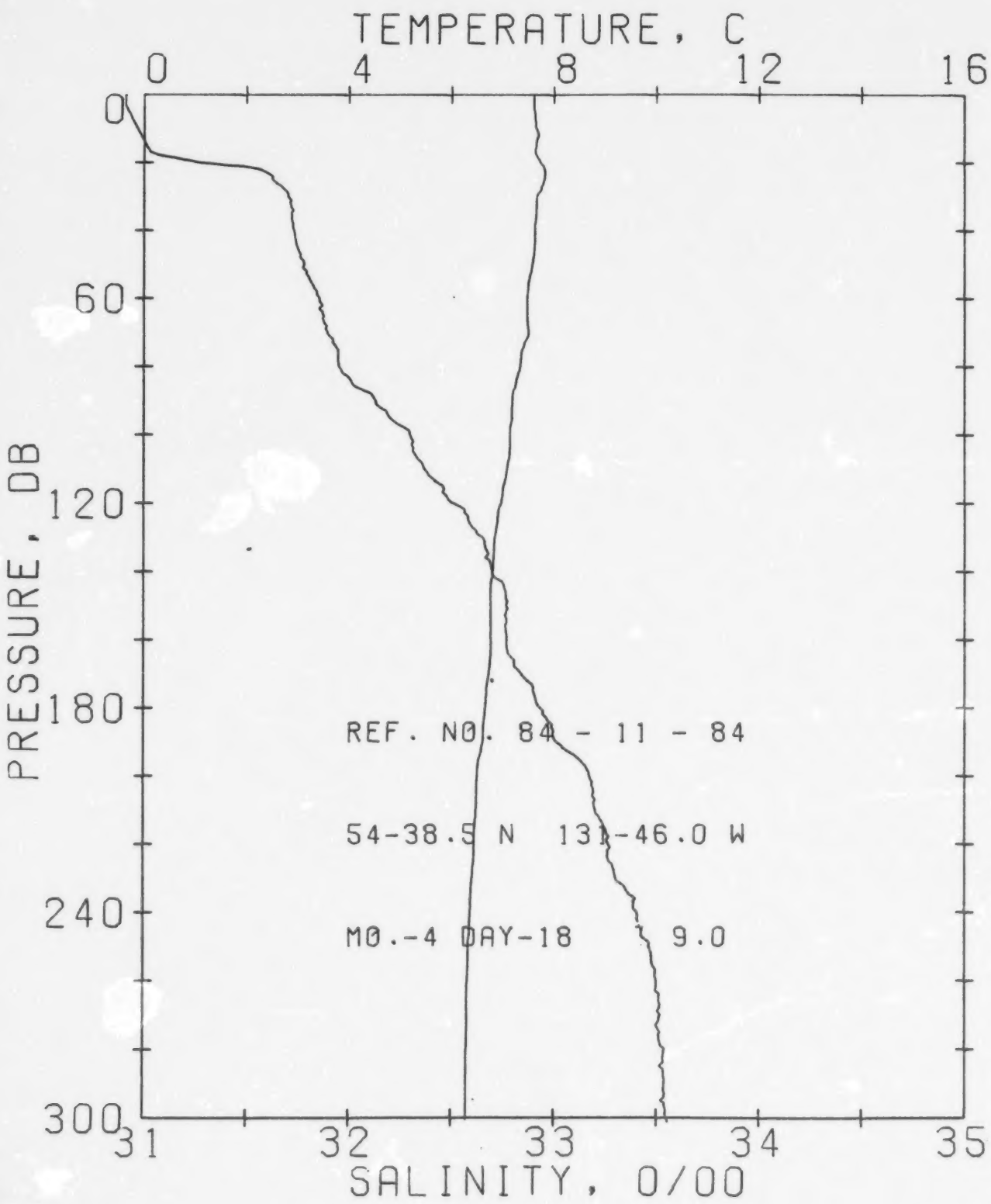
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 82 DATE 18/ 4/84
POSITION 54-38.4N, 132-18.0W GMT 7.4 STATION QC54
RESULTS OF STP CAST 126 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.54	31.08	0	24.29	364.4	.00	.00	1476.
10	7.55	31.08	10	24.29	364.7	.36	.02	1476.
20	7.61	31.17	20	24.35	358.9	.73	.07	1477.
30	7.66	31.25	30	24.40	353.9	1.08	.16	1477.
50	7.72	31.44	50	24.55	340.3	1.77	.45	1478.
75	7.73	31.49	75	24.58	337.3	2.62	.98	1479.
100	7.56	31.66	99	24.74	322.6	3.45	1.73	1479.
125	7.10	32.38	124	25.37	263.3	4.19	2.57	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 83
54-38.4 N 132-6.5 W
MO.-4 DAY-18 8.0
31
32
33
34
35
SALINITY, O/OO

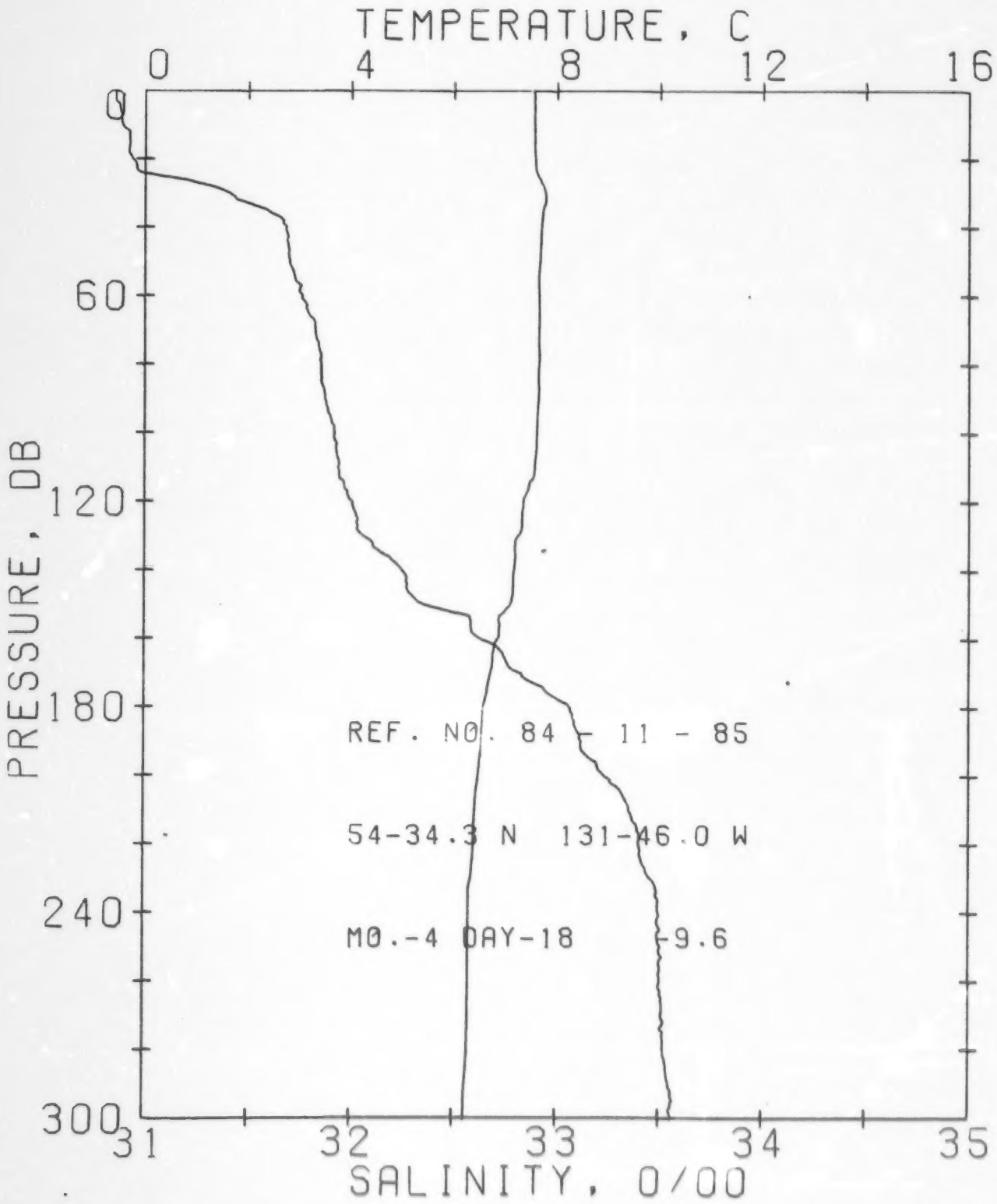
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 83 DATE 18/ 4/84
POSITION 54-38.4N, 132- 6.5W GMT 8.0 STATION QC55
RESULTS OF STP CAST 127 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.54	30.94	0	24.18	374.8	.00	.00	1476.
10	7.53	30.98	10	24.22	371.5	.37	.02	1476.
20	7.53	31.00	20	24.23	370.2	.74	.08	1476.
30	7.52	31.02	30	24.24	369.2	1.11	.17	1476.
50	7.58	31.29	50	24.45	349.9	1.83	.46	1477.
75	7.58	31.29	75	24.45	349.9	2.71	1.02	1478.
100	7.72	31.64	99	24.71	325.9	3.54	1.76	1479.
125	7.27	32.14	124	25.16	283.5	4.30	2.63	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 84
54-38.5 N 131-46.0 W
MO.-4 DAY-18 9.0
31
32
33
34
35
SALINITY, O/OO

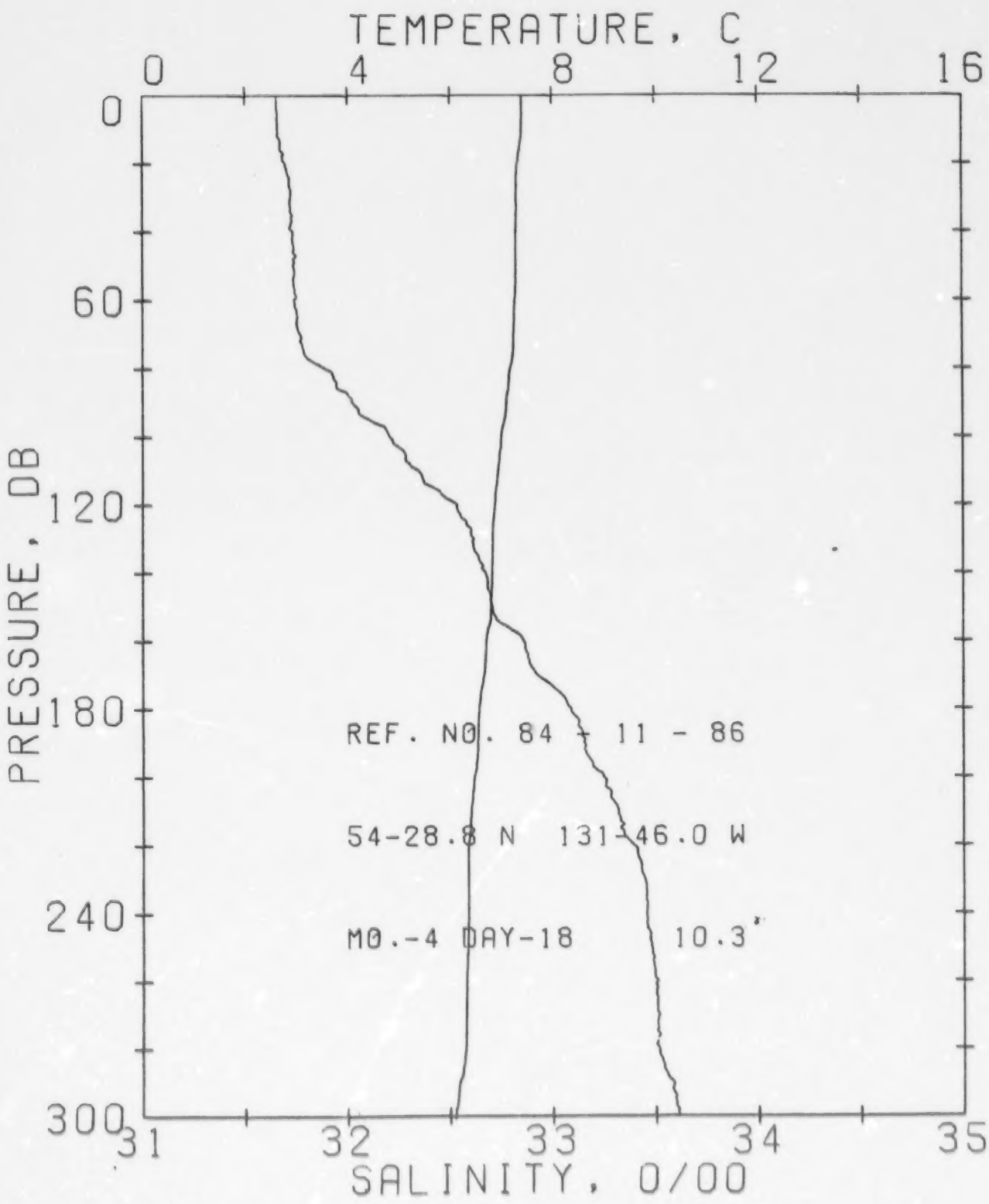
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 84 DATE 18/ 4/84
POSITION 54-38.5N, 131-46.0W GMT 9.0 STATION Q118
RESULTS OF STP CAST 356 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.61	30.91	0	24.15	377.9	.00	.00	1476.
10	7.66	30.97	10	24.19	374.1	.38	.02	1477.
20	7.74	31.27	20	24.41	352.8	.75	.08	1477.
30	7.66	31.70	30	24.76	320.0	1.07	.16	1478.
50	7.58	31.78	50	24.83	313.2	1.71	.42	1478.
75	7.39	31.95	75	24.99	298.7	2.47	.90	1478.
100	7.15	32.30	99	25.30	269.7	3.19	1.54	1478.
125	6.91	32.58	124	25.55	245.7	3.84	2.28	1478.
150	6.77	32.76	149	25.71	230.7	4.43	3.11	1478.
175	6.69	32.90	174	25.83	220.0	5.00	4.06	1478.
200	6.51	33.17	199	26.07	197.7	5.53	5.06	1478.
225	6.44	33.27	223	26.15	190.0	6.01	6.11	1478.
250	6.34	33.46	248	26.32	174.7	6.46	7.20	1478.
300	6.29	33.54	298	26.39	168.4	7.32	9.59	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 85
54-34.3 N 131-46.0 W
MO.-4 DAY-18 -9.6
31
32
33
34
35
SALINITY, O/OO

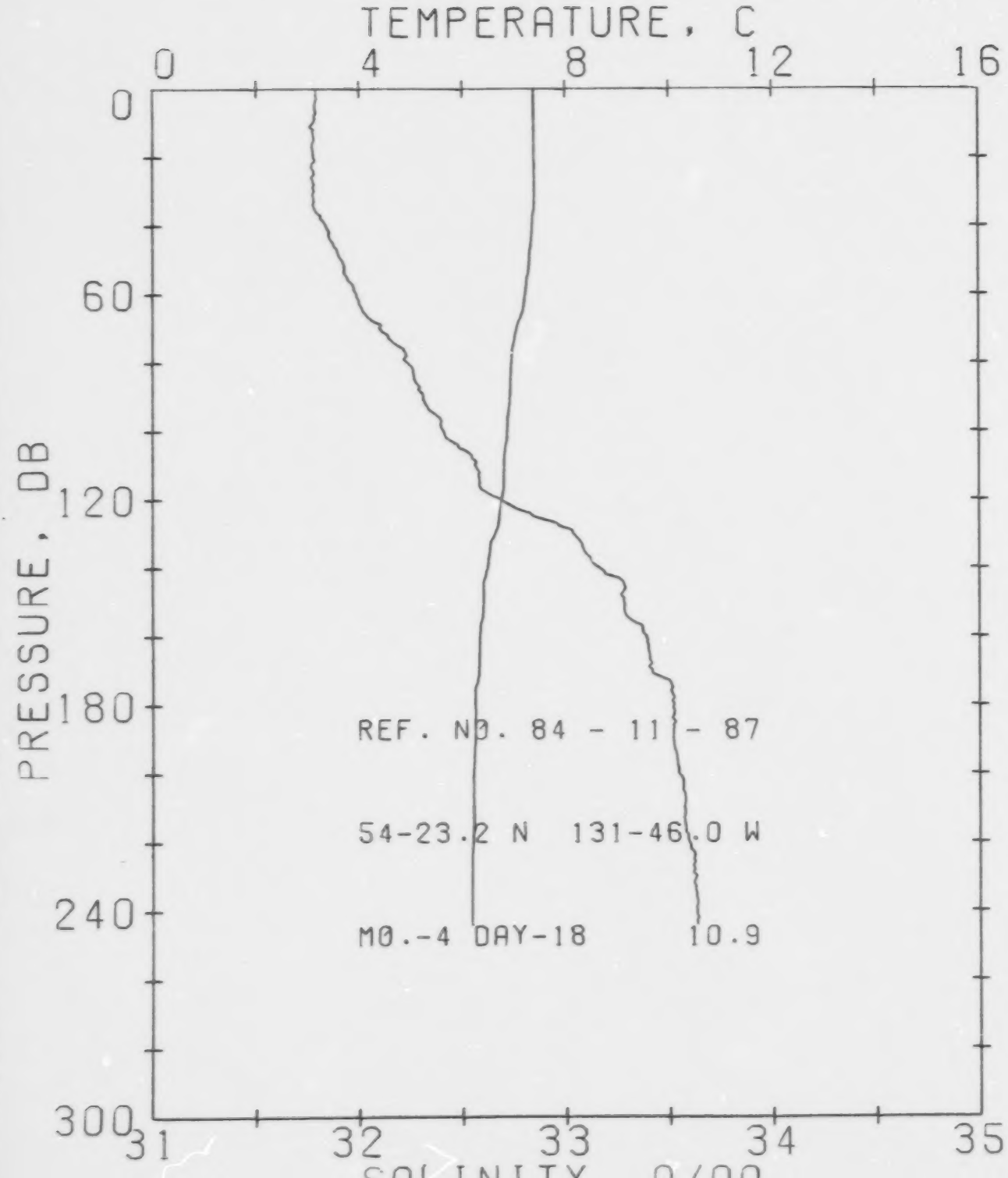
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 85 DATE 18/ 4/84
POSITION 54-34.3N, 131-46.0W GMT 9.6 STATION Q117
RESULTS OF STP CAST 329 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.55	30.86	0	24.11	381.2	.00	.00	1476.
10	7.56	30.89	10	24.14	378.9	.38	.02	1476.
20	7.57	30.94	20	24.18	375.3	.76	.08	1476.
30	7.77	31.41	30	24.52	343.2	1.12	.17	1478.
50	7.68	31.70	50	24.76	320.5	1.77	.43	1478.
75	7.66	31.84	75	24.87	309.8	2.56	.93	1479.
100	7.62	31.92	99	24.94	304.0	3.33	1.62	1479.
125	7.33	32.04	124	25.07	291.9	4.08	2.48	1478.
150	7.10	32.36	149	25.35	265.0	4.77	3.45	1478.
175	6.65	32.95	174	25.87	216.0	5.37	4.43	1478.
200	6.48	33.23	199	26.12	192.8	5.87	5.40	1478.
225	6.37	33.41	224	26.28	178.3	6.33	6.39	1478.
250	6.30	33.51	248	26.36	170.6	6.76	7.43	1478.
300	6.21	33.56	298	26.41	166.3	7.61	9.81	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 86
54-28.8 N 131-46.0 W
MO.-4 DAY-18 10.3
31
32
33
34
35
SALINITY, O/OO

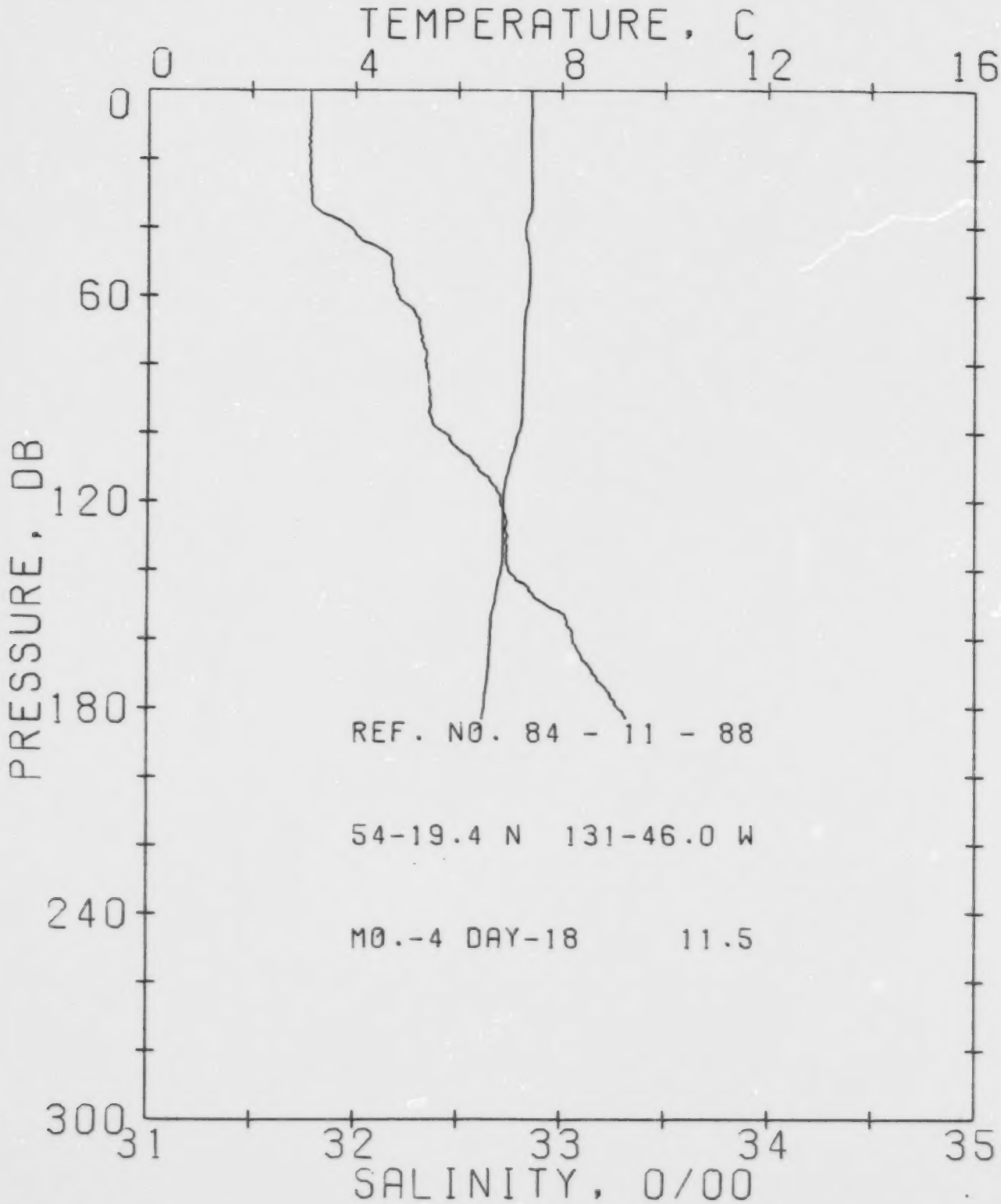
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 86 DATE 18/ 4/84
POSITION 54-28.8N, 131-46.0W GMT 10.3 STATION Q116
RESULTS OF STP CAST 322 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.42	31.66	0	24.76	319.7	.00	.00	1476.
10	7.41	31.66	10	24.76	319.5	.32	.02	1476.
20	7.33	31.70	20	24.80	315.7	.64	.06	1476.
30	7.30	31.72	30	24.82	313.7	.95	.14	1476.
50	7.29	31.73	50	24.83	313.1	1.58	.40	1477.
75	7.23	31.79	75	24.88	308.6	2.36	.90	1477.
100	7.00	32.20	99	25.24	274.8	3.09	1.54	1477.
125	6.84	32.58	124	25.56	244.8	3.74	2.29	1477.
150	6.79	32.70	149	25.66	235.5	4.34	3.13	1478.
175	6.59	33.03	174	25.95	209.0	4.90	4.05	1478.
200	6.47	33.25	199	26.13	191.7	5.40	5.01	1478.
225	6.34	33.43	223	26.29	176.9	5.86	6.01	1478.
250	6.33	33.48	248	26.33	173.3	6.30	7.07	1478.
300	6.11	33.61	298	26.46	161.2	7.14	9.43	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 87
54-23.2 N 131-46.0 W
MO.-4 DAY-18 10.9
31
32
33
34
35

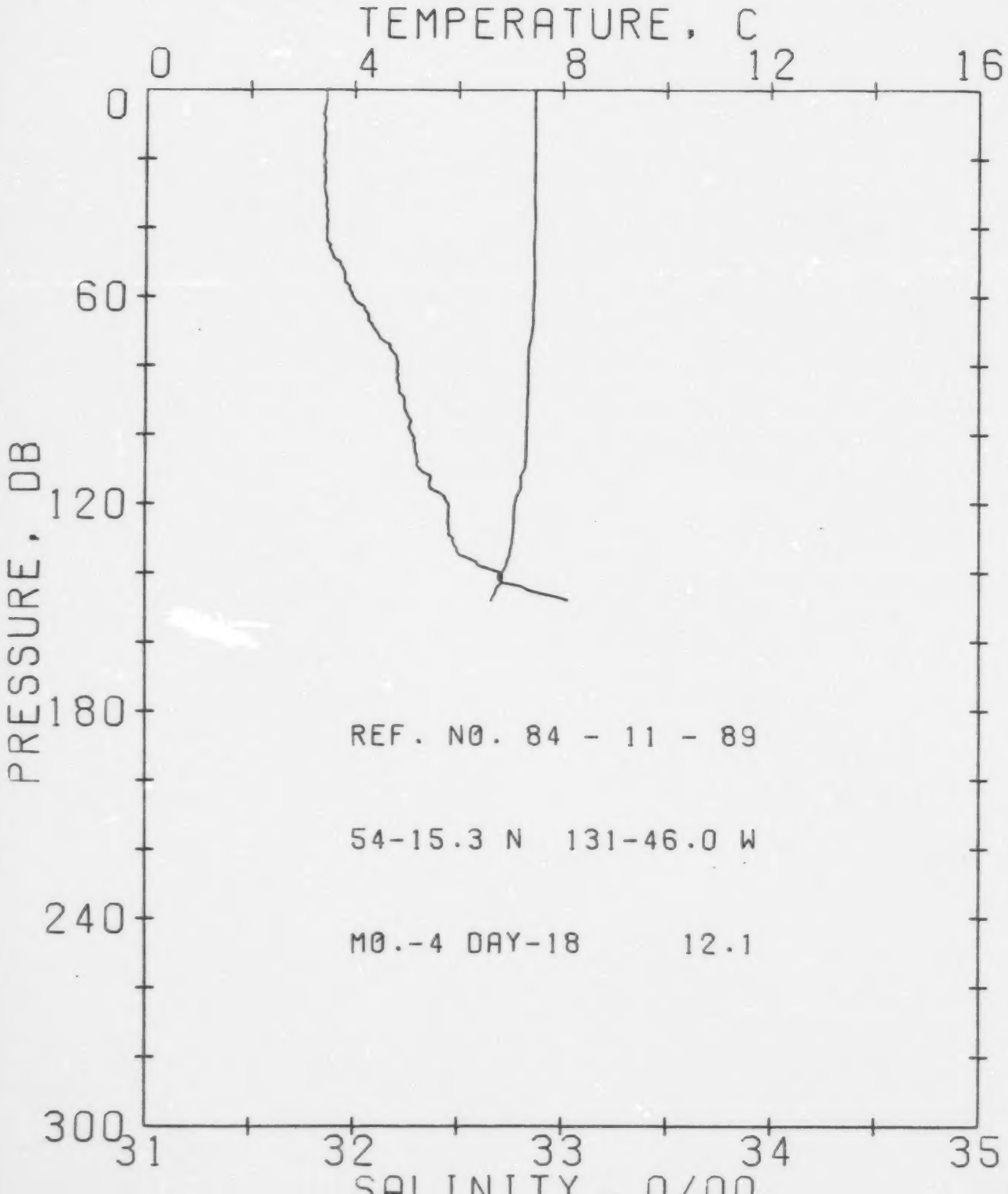
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 87 DATE 18/ 4/84
POSITION 54-23.2N, 131-46.0W GMT 10.9 STATION Q115
RESULTS OF STP CAST 242 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.39	31.79	0	24.87	309.1	.00	.00	1476.
10	7.39	31.78	10	24.86	310.5	.31	.02	1477.
20	7.39	31.78	20	24.86	310.5	.62	.06	1477.
30	7.41	31.78	30	24.86	310.5	.93	.14	1477.
50	7.31	31.92	50	24.98	299.6	1.54	.39	1477.
75	6.99	32.19	75	25.23	275.4	2.27	.85	1477.
100	6.87	32.41	99	25.42	257.7	2.94	1.45	1477.
125	6.72	32.85	124	25.78	223.6	3.54	2.14	1477.
150	6.41	33.28	149	26.16	187.9	4.04	2.84	1477.
175	6.25	33.52	174	26.37	168.4	4.49	3.58	1477.
200	6.21	33.54	199	26.40	166.6	4.91	4.38	1477.
225	6.18	33.61	223	26.46	160.8	5.32	5.27	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 88
54-19.4 N 131-46.0 W
MO.-4 DAY-18 11.5
31
32
33
34
35
SALINITY, O/OO

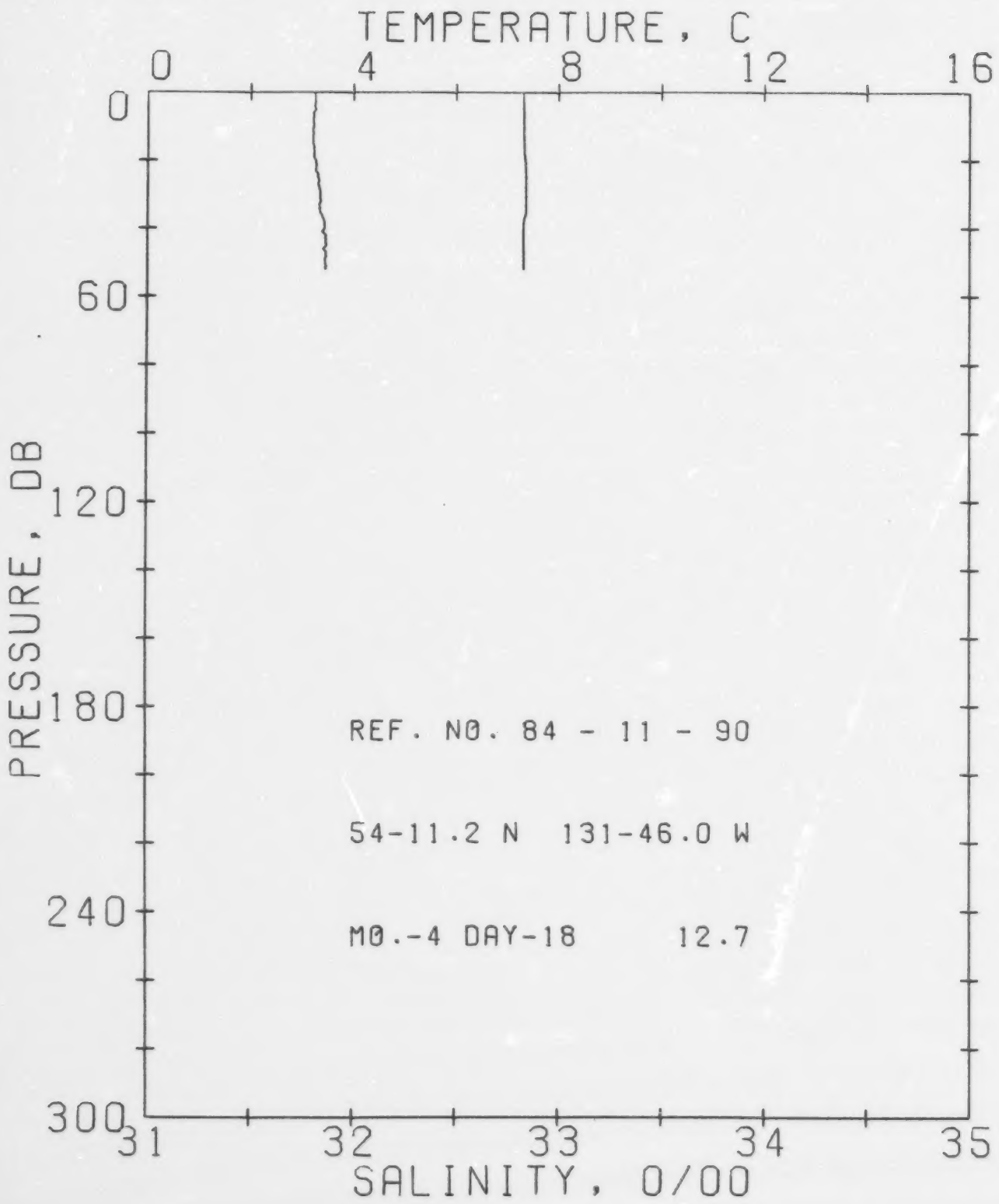
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 88 DATE 18/ 4/84
POSITION 54-19.4N, 131-46.0W GMT 11.5 STATION Q114
RESULTS OF STP CAST 182 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.42	31.78	0	24.86	310.3	.00	.00	1476.
10	7.41	31.78	10	24.86	310.6	.31	.02	1477.
20	7.41	31.78	20	24.86	310.4	.62	.06	1477.
30	7.43	31.79	30	24.86	310.5	.93	.14	1477.
50	7.38	32.17	50	25.17	281.4	1.52	.38	1478.
75	7.27	32.33	75	25.31	268.3	2.21	.82	1478.
100	7.17	32.43	99	25.40	259.8	2.88	1.41	1478.
125	6.86	32.73	124	25.68	234.0	3.49	2.11	1478.
150	6.70	32.93	149	25.85	217.6	4.06	2.92	1478.
175	6.53	33.22	174	26.11	193.8	4.58	3.76	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 89
54-15.3 N 131-46.0 W
MO.-4 DAY-18 12.1
31
32
33
34
35
SALINITY, O/OO

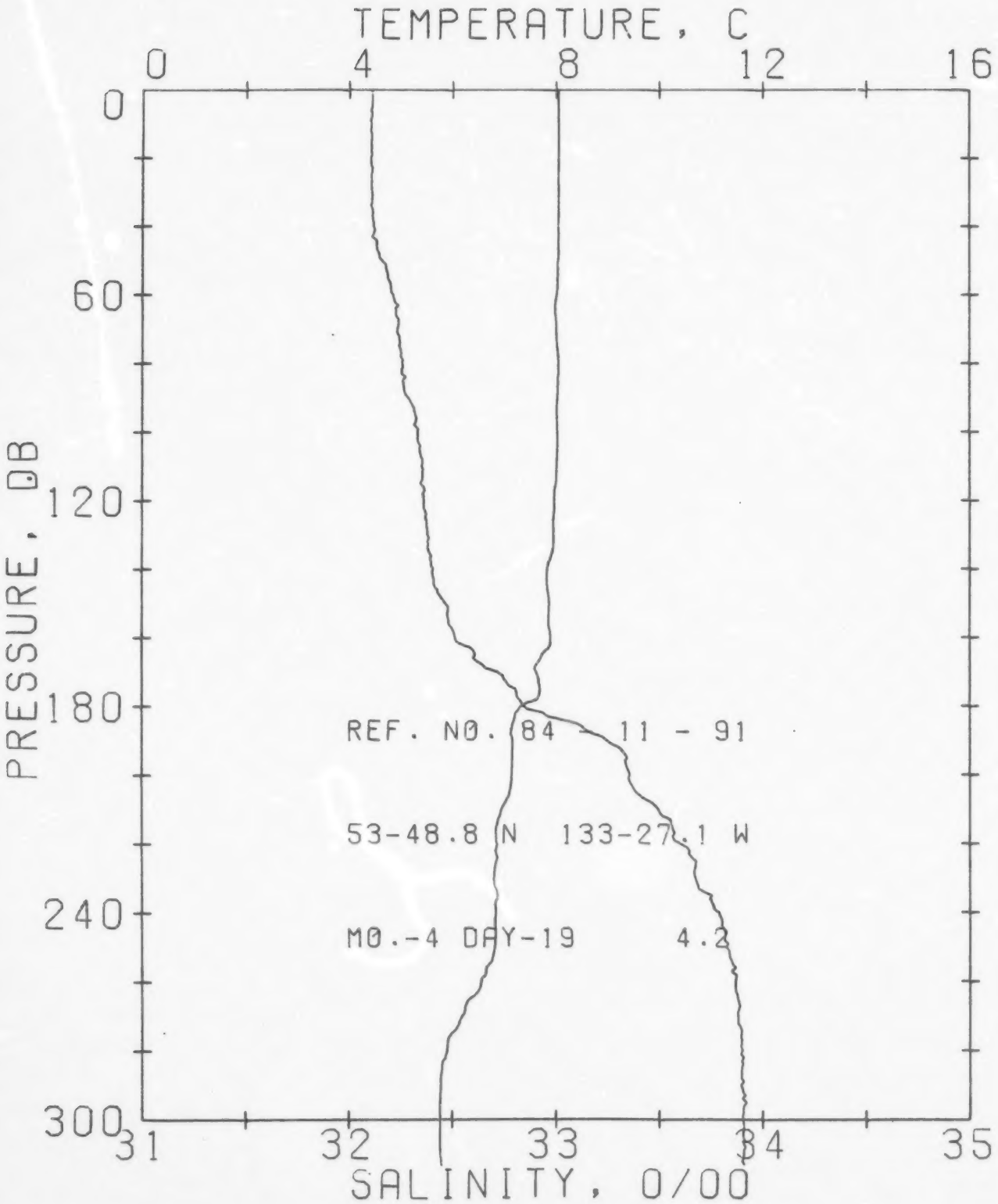
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 89 DATE 18/ 4/84
POSITION 54-15.3N, 131-46.0W GMT 12.1 STATION QC62
RESULTS OF STP CAST 148 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.47	31.86	0	24.91	304.8	.00	.00	1477.
10	7.47	31.85	10	24.90	306.0	.31	.02	1477.
20	7.47	31.85	20	24.91	305.8	.61	.06	1477.
30	7.46	31.86	30	24.91	305.5	.92	.14	1477.
50	7.46	31.93	50	24.97	300.3	1.53	.39	1478.
75	7.36	32.17	75	25.17	281.7	2.26	.85	1478.
100	7.32	32.28	99	25.26	273.3	2.95	1.47	1478.
125	7.07	32.45	124	25.42	257.9	3.62	2.23	1478.
150	6.56	33.13	149	26.03	200.5	4.19	3.03	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 90
54-11.2 N 131-46.0 W
MO.-4 DAY-18 12.7
31
32
33
34
35
SALINITY, O/OO

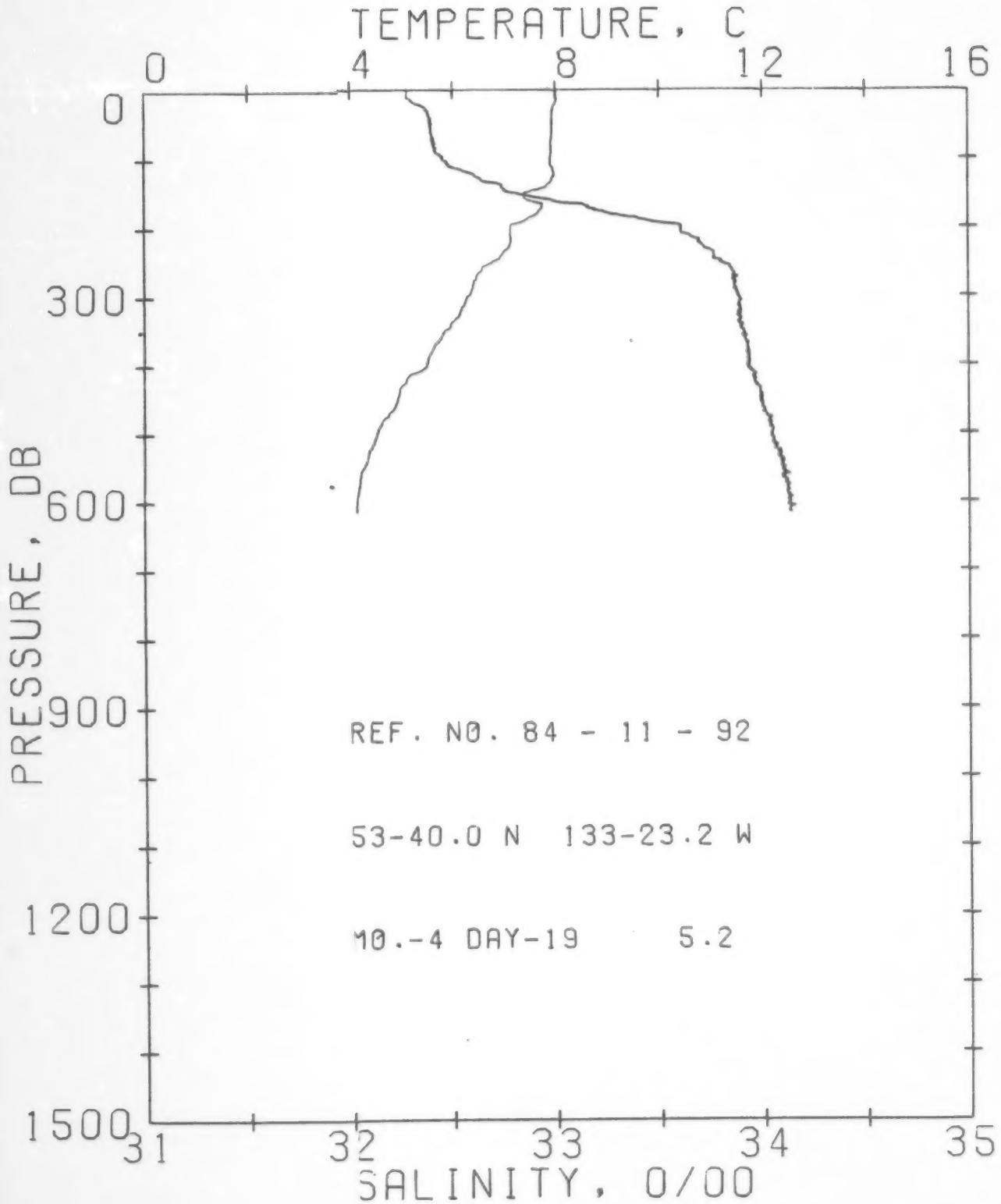
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 90 DATE 18/ 4/84
POSITION 54-11.2N, 131-46.0W GMT 12.7 STATION Q113
RESULTS OF STP CAST 53 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.32	31.81	0	24.90	306.6	.00	.00	1476.
10	7.33	31.81	10	24.89	307.6	.31	.02	1476.
20	7.35	31.82	20	24.89	307.0	.61	.06	1477.
30	7.36	31.84	30	24.91	305.9	.92	.14	1477.
50	7.32	31.86	50	24.93	303.9	1.53	.39	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 91
53-48.8 N 133-27.1 W
MO.-4 DAY-19 4.2
31
32
33
34
35
SALINITY, O/OO

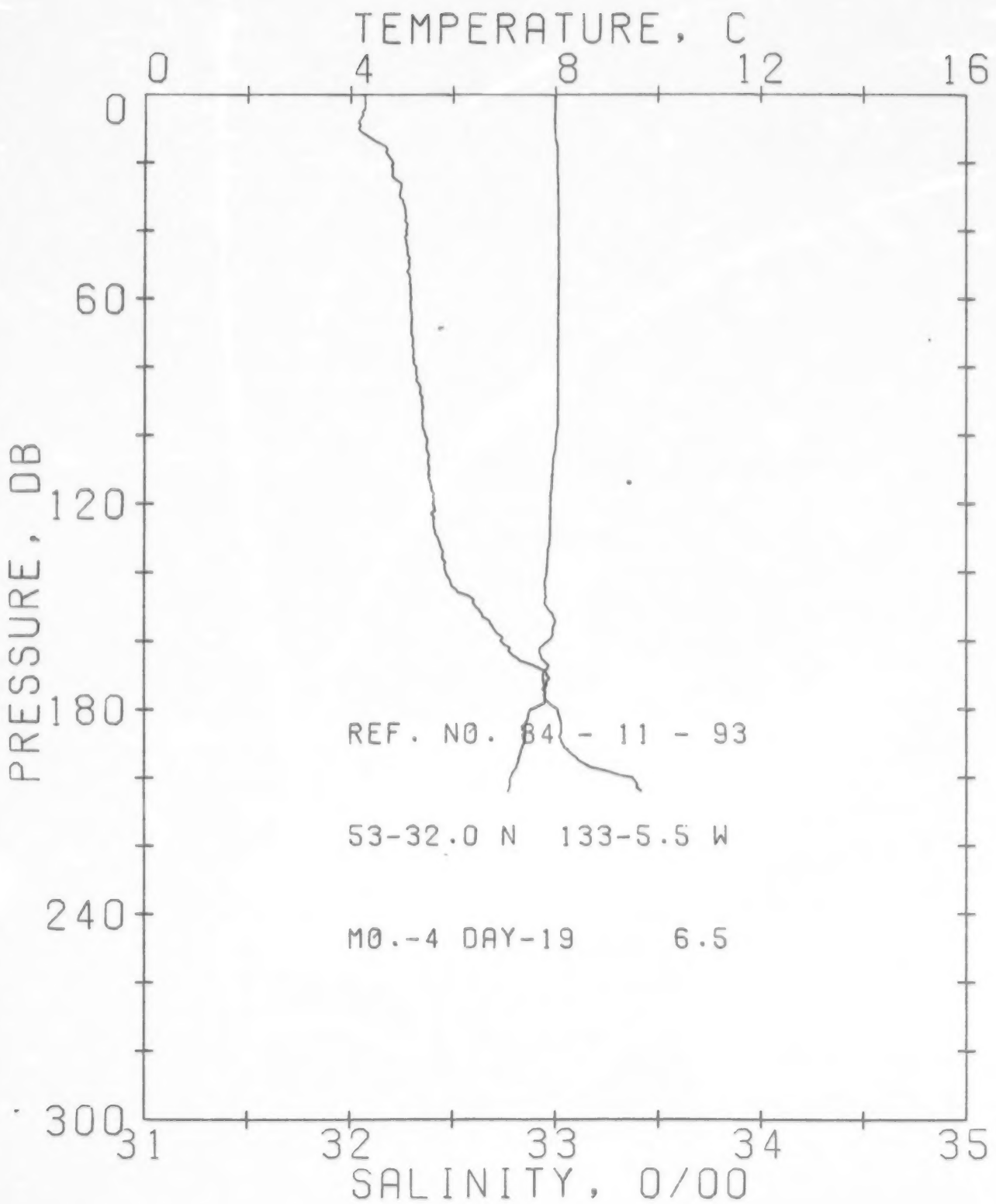
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 91 DATE 19/ 4/84
POSITION 53-48.8N, 133-27.1W GMT 4.2 STATION QC24
RESULTS OF STP CAST 312 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.05	32.11	0	25.03	294.1	.00	.00	1479.
10	8.05	32.11	10	25.02	294.7	.29	.02	1480.
20	8.05	32.10	20	25.02	295.2	.59	.06	1480.
30	8.05	32.11	30	25.02	294.8	.88	.14	1480.
50	8.04	32.16	50	25.06	291.2	1.47	.37	1480.
75	8.02	32.24	75	25.13	285.3	2.19	.83	1481.
100	8.02	32.33	99	25.20	279.1	2.90	1.46	1481.
125	7.95	32.37	124	25.24	275.7	3.59	2.26	1481.
150	7.87	32.47	149	25.33	267.5	4.27	3.21	1482.
175	7.69	32.80	174	25.62	240.4	4.91	4.27	1482.
200	7.14	33.36	199	26.13	192.0	5.44	5.28	1481.
225	6.85	33.68	223	26.42	164.7	5.89	6.24	1480.
250	6.83	33.82	248	26.54	154.1	6.29	7.21	1481.
300	5.76	33.90	298	26.74	135.3	6.99	9.18	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 92
53-40.0 N 133-23.2 W
10.-4 DAY-19 5.2
31
32
33
34
35
SALINITY, O/OO

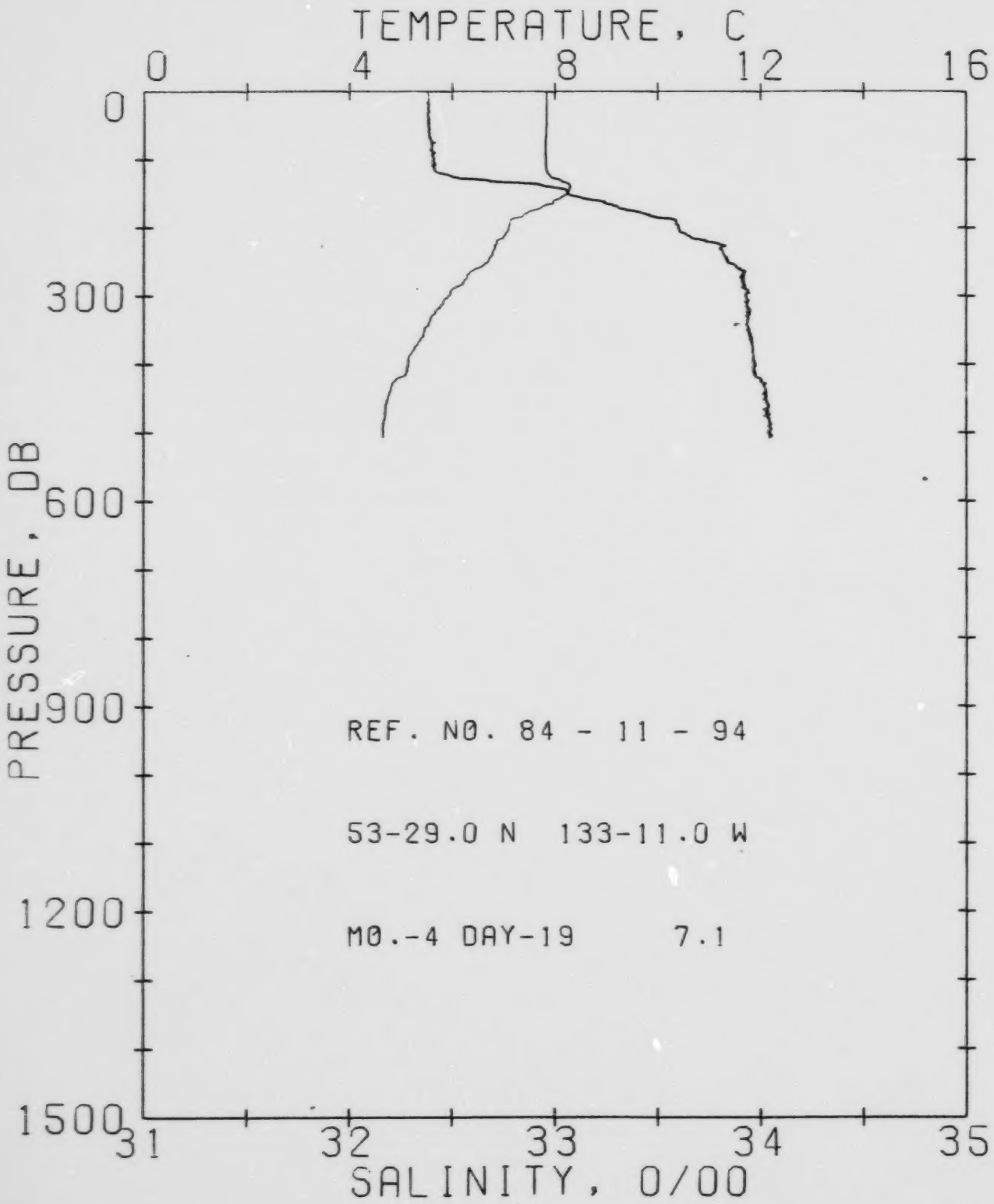
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 92 DATE 19/ 4/84
POSITION 53-40.0N, 133-23.2W GMT 5.2 STATION QC69
RESULTS OF STP CAST 595 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.02	32.28	0	25.16	281.3	.00	.00	1479.
10	8.01	32.28	10	25.16	281.2	.28	.01	1480.
20	8.00	32.32	20	25.20	278.4	.56	.06	1480.
30	7.95	32.38	30	25.25	273.5	.84	.13	1480.
50	7.93	32.40	50	25.27	271.9	1.38	.35	1480.
75	7.91	32.41	75	25.28	270.9	2.06	.78	1480.
100	7.90	32.45	99	25.31	268.4	2.74	1.39	1481.
125	7.98	32.60	124	25.42	258.4	3.40	2.14	1482.
150	7.41	32.79	149	25.65	237.2	4.02	3.01	1480.
175	7.70	33.18	174	25.91	212.3	4.58	3.93	1482.
200	7.12	33.60	199	26.32	173.7	5.06	4.85	1481.
225	7.12	33.71	223	26.41	166.1	5.49	5.77	1481.
250	6.77	33.81	248	26.53	154.6	5.89	6.75	1481.
300	6.30	33.88	298	26.65	143.7	6.63	8.81	1480.
400	5.50	33.93	397	26.79	130.9	7.99	13.68	1478.
500	4.52	34.04	496	26.99	112.5	9.19	19.16	1476.
600	4.12	34.13	595	27.11	102.0	10.25	25.10	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 93
53-32.0 N 133-5.5 W
MO.-4 DAY-19 6.5
31
32
33
34
35
SALINITY, O/OO

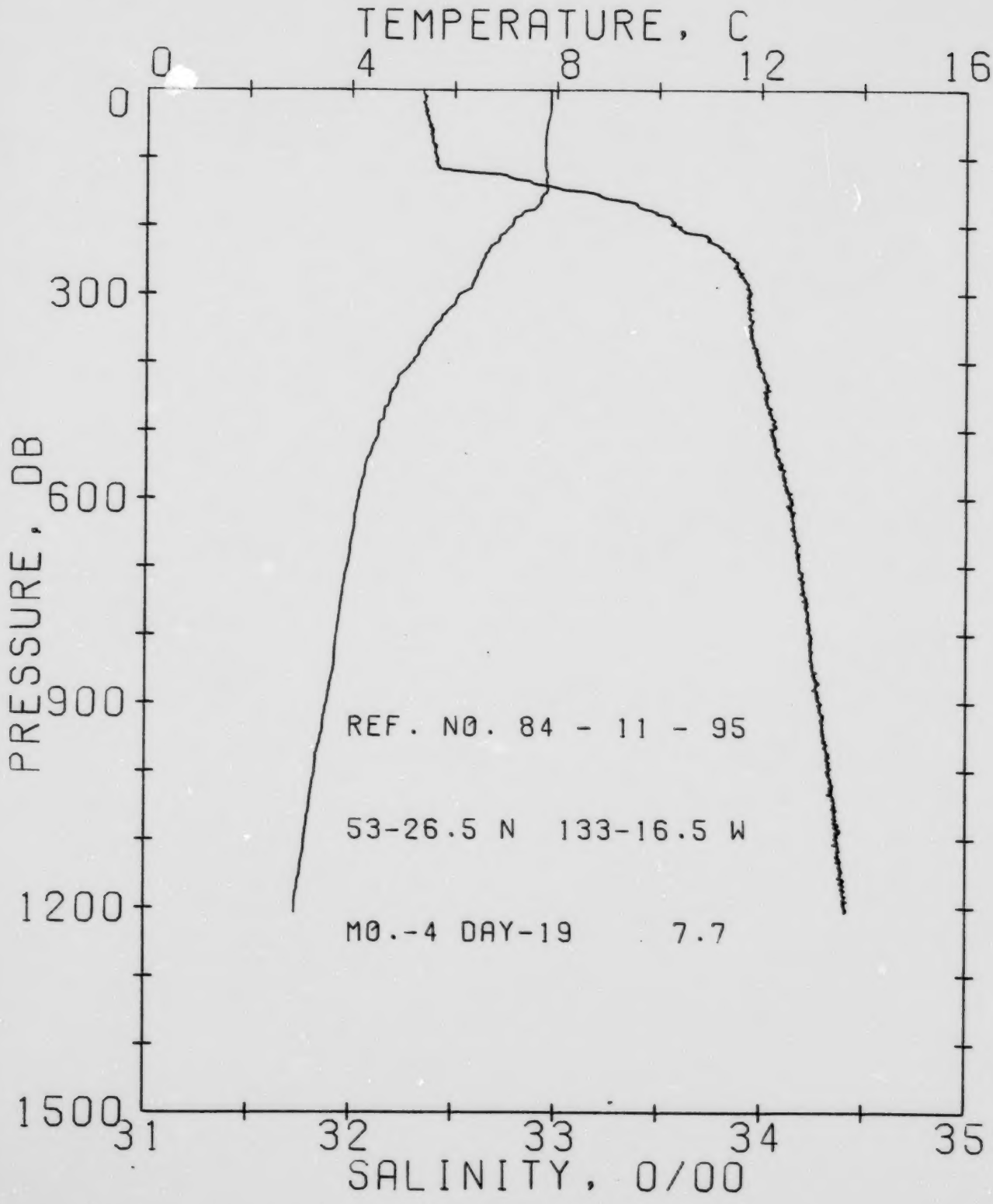
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 93 DATE 19/ 4/84
POSITION 53-32.0N, 133- 5.5W GMT 6.5 STATION Q101
RESULTS OF STP CAST 203 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.00	32.07	0	25.00	296.6	.00	.00	1479.
10	7.98	32.04	10	24.98	299.1	.30	.02	1479.
20	8.03	32.21	20	25.10	287.1	.59	.06	1480.
30	8.05	32.24	30	25.12	285.3	.88	.13	1480.
50	8.06	32.29	50	25.16	282.1	1.44	.36	1480.
75	8.05	32.31	75	25.18	280.6	2.15	.81	1481.
100	8.02	32.37	99	25.23	276.3	2.84	1.43	1481.
125	7.90	32.41	124	25.28	272.2	3.53	2.22	1481.
150	7.82	32.61	149	25.45	256.1	4.19	3.15	1482.
175	7.80	32.95	174	25.72	231.0	4.80	4.15	1482.
200	7.12	33.38	199	26.15	190.4	5.34	5.19	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 94
53-29.0 N 133-11.0 W
MO.-4 DAY-19 7.1
31
32
33
34
35
SALINITY, O/OO

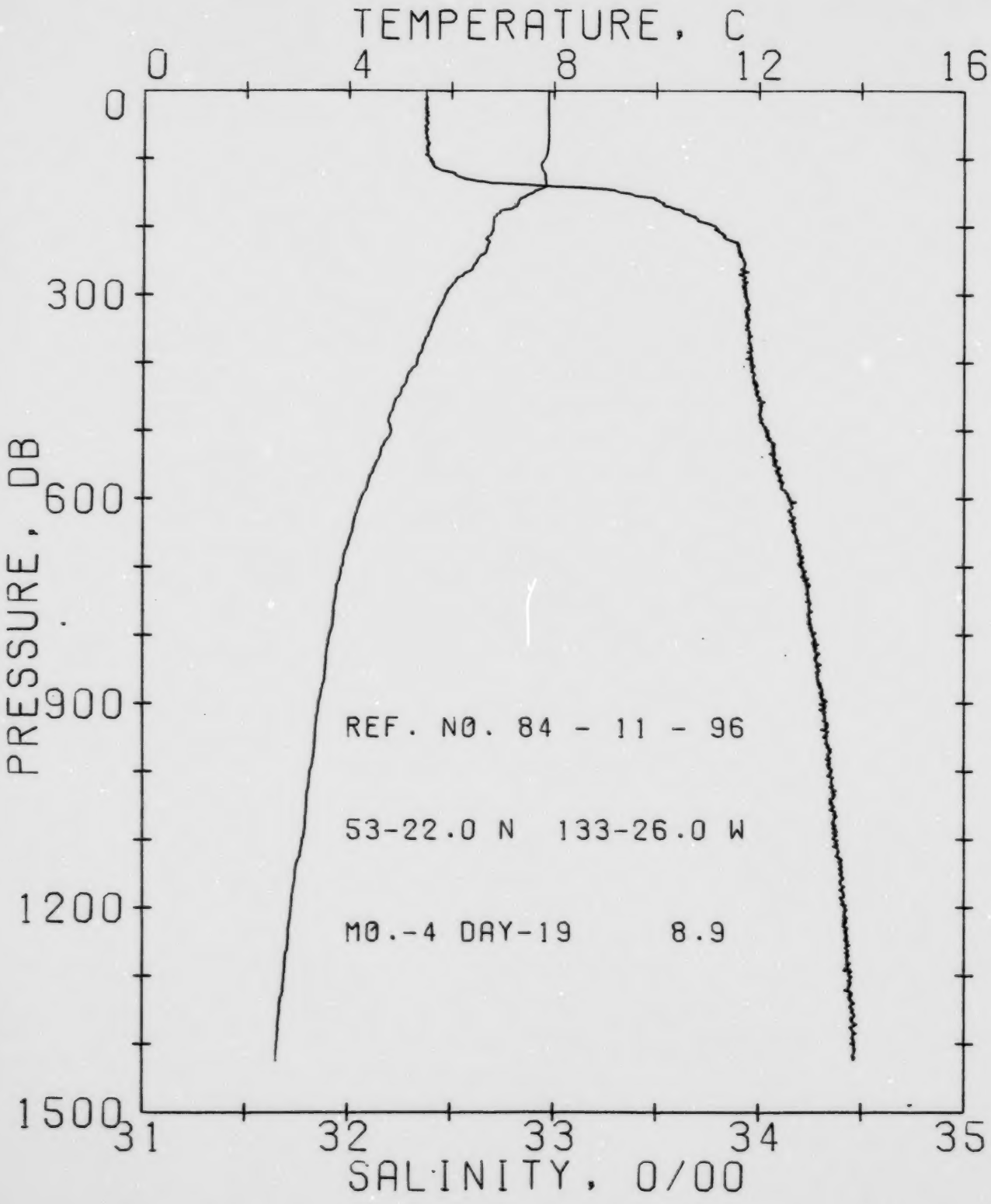
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 94 DATE 19/ 4/84
POSITION 53-29.0N, 133-11.0W GMT 7.1 STATION Q100
RESULTS OF STP CAST 483 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.85	32.38	0	25.27	271.2	.00	.00	1479.
10	7.84	32.39	10	25.27	271.1	.27	.01	1479.
20	7.84	32.38	20	25.27	271.5	.54	.06	1479.
30	7.84	32.39	30	25.28	270.9	.81	.12	1479.
50	7.84	32.39	50	25.27	271.4	1.36	.35	1480.
75	7.81	32.42	75	25.30	269.1	2.04	.78	1480.
100	7.82	32.41	99	25.29	270.5	2.71	1.38	1480.
125	7.93	32.50	124	25.35	265.3	3.39	2.15	1481.
150	8.24	33.06	149	25.74	228.5	3.99	3.00	1484.
175	7.53	33.39	174	26.10	194.9	4.52	3.88	1482.
200	7.09	33.61	199	26.33	173.1	4.97	4.74	1481.
225	6.86	33.81	223	26.52	155.0	5.39	5.64	1481.
250	6.69	33.84	248	26.57	150.9	5.77	6.56	1480.
300	5.93	33.92	298	26.73	135.7	6.47	8.53	1478.
400	5.14	33.97	397	26.87	123.7	7.76	13.12	1477.
500	4.66	34.03	496	26.97	114.7	8.93	18.47	1476.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 95
53-26.5 N 133-16.5 W
MO.-4 DAY-19 7.7
31
32
33
34
35
SALINITY, O/OO

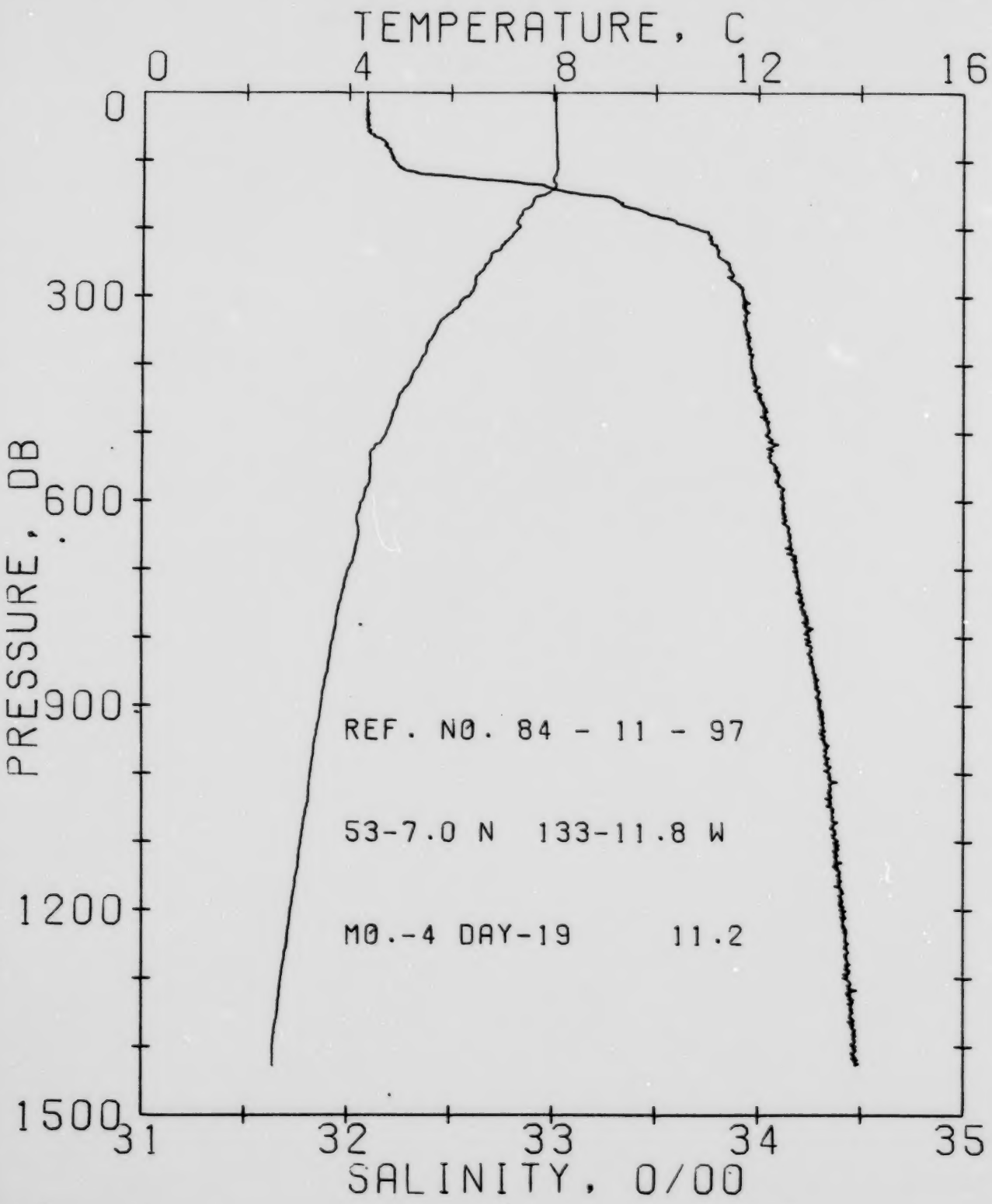
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 95 DATE 19/ 4/84
POSITION 53-26.5N, 133-16.5W GMT 7.7 STATION QC99
RESULTS OF STP CAST 1167 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.88	32.35	0	25.24	274.3	.00	.00	1479.
10	7.88	32.37	10	25.25	273.1	.27	.01	1479.
20	7.88	32.34	20	25.23	275.0	.55	.06	1479.
30	7.88	32.36	[illegible]	25.24	274.0	.82	.13	1480.
50	7.82	32.38	[illegible]	25.27	271.9	1.37	.35	1480.
75	7.77	32.39	75	25.28	270.9	2.05	.78	1480.
100	7.77	32.41	99	25.30	269.7	2.72	1.38	1480.
125	7.82	32.74	124	25.55	246.2	3.39	2.14	1481.
150	7.81	33.15	149	25.87	216.3	3.97	2.96	1482.
175	7.57	33.43	174	26.12	192.4	4.48	3.80	1482.
200	7.11	33.59	199	26.32	174.6	4.93	4.66	1481.
225	6.81	33.77	223	26.50	157.3	5.34	5.55	1480.
250	6.58	33.86	248	26.60	147.8	5.72	6.47	1480.
300	6.10	33.94	298	26.72	137.0	6.43	8.47	1479.
400	5.17	33.99	397	26.88	122.5	7.74	13.10	1477.
500	4.53	34.05	496	27.00	111.5	8.90	18.41	1476.
600	4.14	34.16	595	27.12	100.4	9.96	24.37	1476.
800	3.71	34.25	793	27.24	90.1	11.89	38.07	1478.
1000	3.32	34.32	990	27.33	82.3	13.62	53.89	1479.
1200	2.93	34.41	1188	27.44	72.3	15.15	71.00	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 96
53-22.0 N 133-26.0 W
MO.-4 DAY-19 8.9
31
32
33
34
35
SALINITY, O/OO

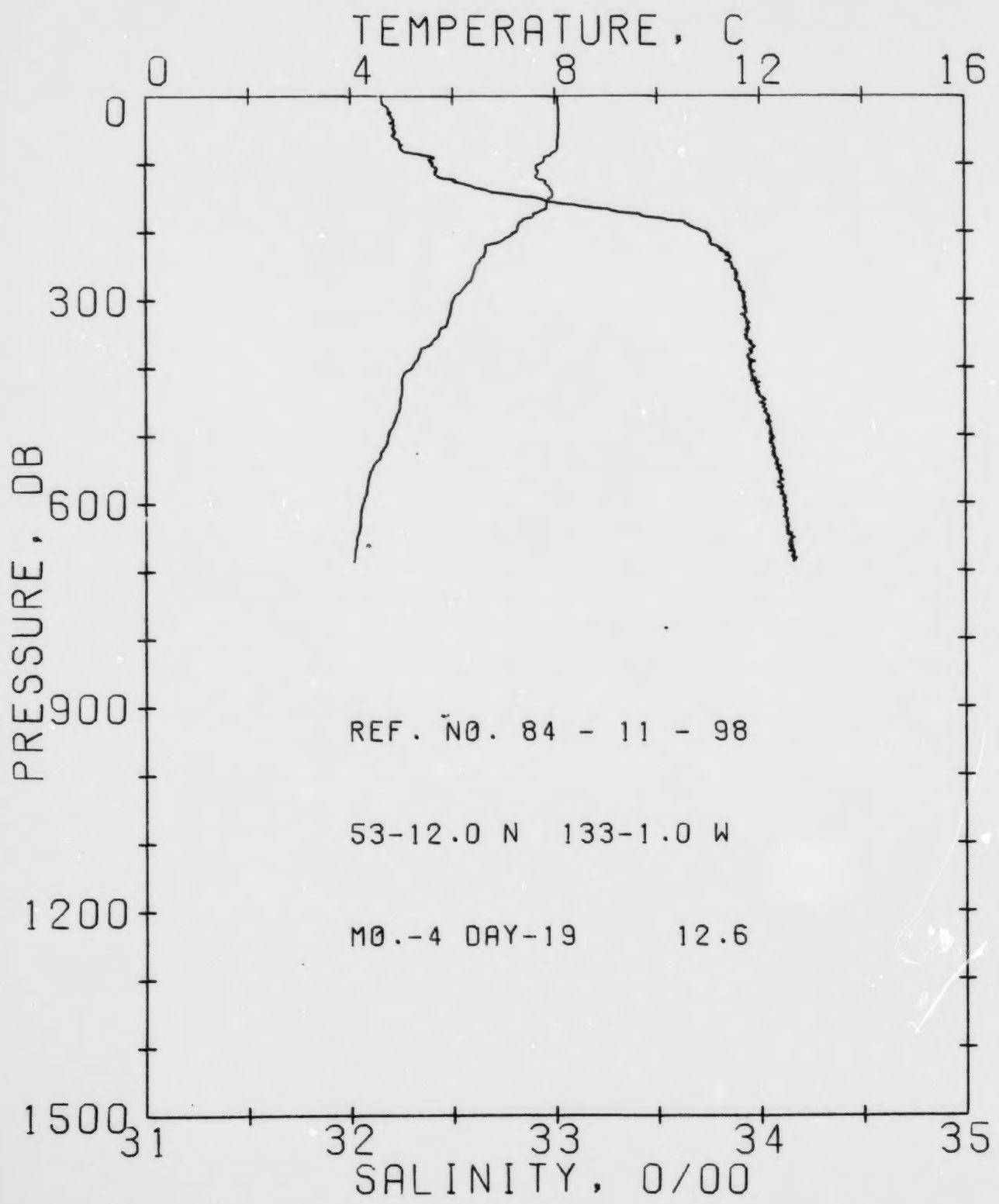
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 96 DATE 19/ 4/84
POSITION 53-22.0N, 133-26.0W GMT 8.9 STATION QC98
RESULTS OF STP CAST 1333 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.89	32.38	0	25.26	272.4	.00	.00	1479.
10	7.89	32.38	10	25.26	272.2	.27	.01	1479.
20	7.89	32.38	20	25.26	272.6	.55	.06	1479.
30	7.89	32.37	30	25.25	272.9	.82	.13	1480.
50	7.90	32.38	50	25.25	273.2	1.36	.35	1480.
75	7.90	32.38	75	25.26	273.0	2.05	.78	1480.
100	7.82	32.40	99	25.28	271.1	2.73	1.39	1480.
125	7.82	32.53	124	25.38	261.9	3.40	2.16	1481.
150	7.60	33.33	149	26.05	199.6	3.99	2.98	1482.
175	6.96	33.63	174	26.37	169.3	4.44	3.74	1480.
200	6.81	33.79	199	26.52	155.4	4.85	4.51	1480.
225	6.72	33.90	223	26.61	146.6	5.23	5.34	1480.
250	6.51	33.92	248	26.66	142.8	5.60	6.22	1480.
300	5.89	33.93	298	26.75	134.6	6.29	8.15	1478.
400	5.34	33.95	397	26.83	127.4	7.59	12.80	1478.
500	4.83	34.05	496	26.96	115.3	8.80	18.33	1477.
600	4.24	34.15	595	27.11	101.8	9.90	24.46	1477.
800	3.63	34.26	793	27.26	88.8	11.79	37.92	1477.
1000	3.25	34.35	990	27.37	78.8	13.46	53.22	1479.
1200	2.89	34.42	1188	27.45	71.4	14.98	70.18	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 97
53-7.0 N 133-11.8 W
MO.-4 DAY-19 11.2
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 97 DATE 19/ 4/84
POSITION 53- 7.0N, 133-11.8W GMT 11.2 STATION QC76
RESULTS OF STP CAST 1319 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.05	32.09	0	25.01	295.9	.00	.00	1479.
10	8.04	32.09	10	25.01	296.2	.30	.02	1479.
20	8.04	32.09	20	25.01	296.3	.59	.06	1480.
30	8.04	32.08	30	25.01	296.6	.89	.14	1480.
50	8.05	32.08	50	25.00	297.1	1.48	.38	1480.
75	8.07	32.19	75	25.08	290.0	2.22	.85	1481.
100	8.08	32.23	99	25.11	287.7	2.94	1.49	1481.
125	8.01	32.58	124	25.40	260.4	3.64	2.29	1482.
150	7.81	33.17	149	25.89	214.4	4.23	3.12	1482.
175	7.40	33.44	174	26.16	188.9	4.73	3.94	1481.
200	7.31	33.71	199	26.38	168.4	5.17	4.79	1482.
225	7.01	33.80	223	26.50	157.7	5.58	5.67	1481.
250	6.73	33.86	248	26.58	150.2	5.97	6.61	1481.
300	6.31	33.93	298	26.69	140.1	6.70	8.65	1480.
400	5.39	33.97	397	26.83	127.0	8.02	13.37	1478.
500	4.76	34.04	496	26.96	115.3	9.22	18.87	1477.
600	4.28	34.12	595	27.08	104.7	10.32	24.98	1477.
800	3.73	34.25	793	27.24	90.4	12.28	38.91	1478.
1000	3.28	34.35	990	27.36	79.5	13.98	54.48	1479.
1200	2.91	34.40	1188	27.44	72.9	15.50	71.50	1481.


TEMPERATURE, C
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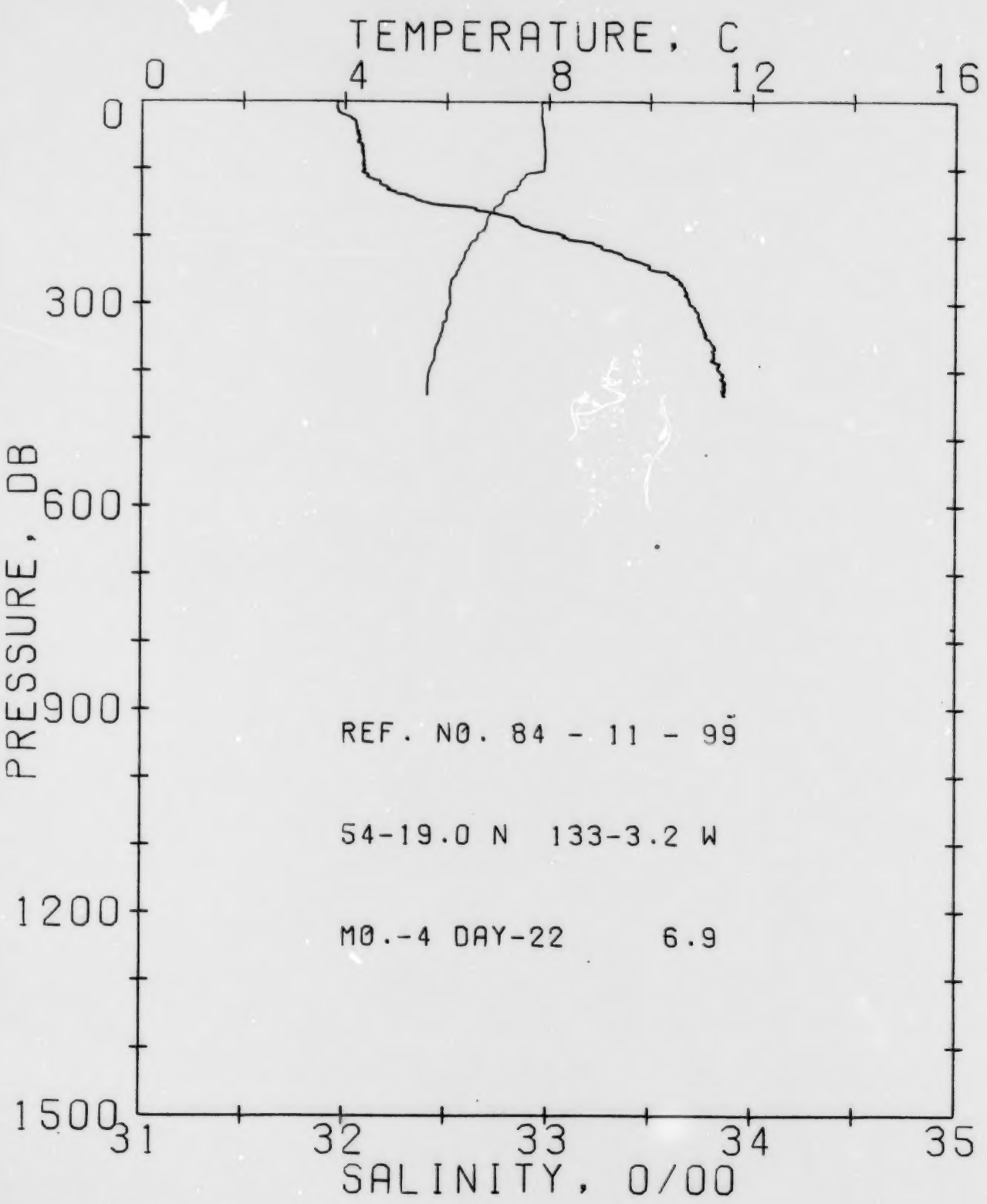
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 98
53-12.0 N 133-1.0 W
MO.-4 DAY-19 12.6
31
32
33
34
35
SALINITY, O/OO

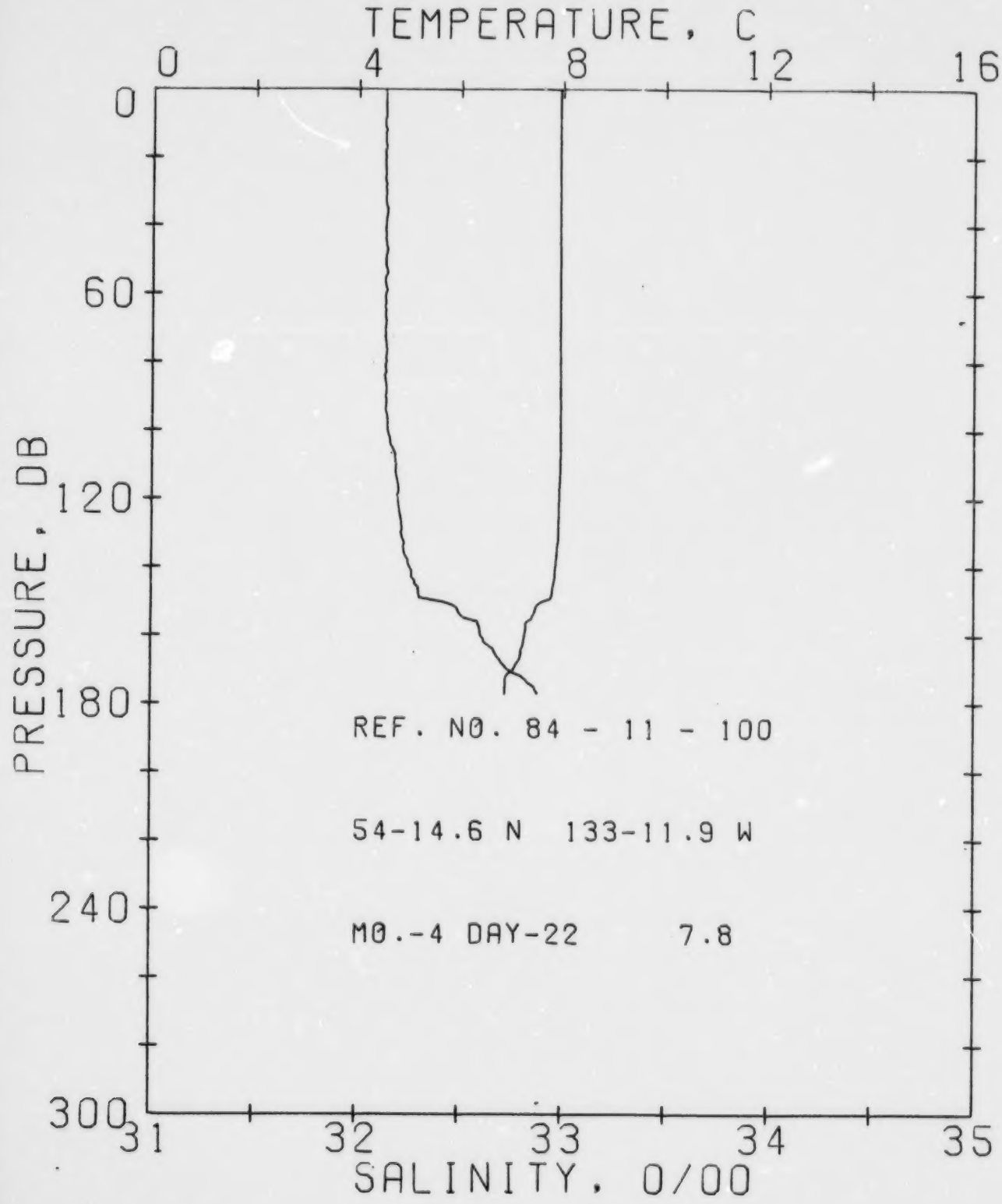
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 98 DATE 19/ 4/84
POSITION 53-12.0N, 133- 1.0W GMT 12.6 STATION QC77
RESULTS OF STP CAST 615 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.06	32.15	0	25.06	291.3	.00	.00	1479.
10	8.06	32.16	10	25.06	291.3	.29	.01	1480.
20	8.08	32.19	20	25.08	289.2	.58	.06	1480.
30	8.08	32.20	30	25.09	288.5	.87	.13	1480.
50	8.07	32.22	50	25.10	287.5	1.45	.37	1480.
75	8.07	32.24	75	25.12	286.0	2.16	.82	1481.
100	7.66	32.41	99	25.31	268.3	2.86	1.44	1480.
125	7.83	32.51	124	25.37	263.2	3.52	2.21	1481.
150	7.91	32.91	149	25.67	235.3	4.16	3.09	1482.
175	7.60	33.41	174	26.11	193.9	4.70	3.99	1482.
200	7.22	33.72	199	26.40	166.2	5.14	4.83	1482.
225	6.64	33.81	223	26.55	152.2	5.54	5.69	1480.
250	6.45	33.86	248	26.62	146.1	5.91	6.59	1479.
300	6.01	33.92	298	26.72	136.8	6.62	8.58	1479.
400	5.19	33.96	397	26.85	125.3	7.94	13.27	1477.
500	4.73	34.05	496	26.98	114.0	9.13	18.74	1477.
600	4.24	34.12	595	27.08	104.2	10.22	24.84	1476.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 99
54-19.0 N 133-3.2 W
MO.-4 DAY-22 6.9
31
32
33
34
35
SALINITY, O/OO

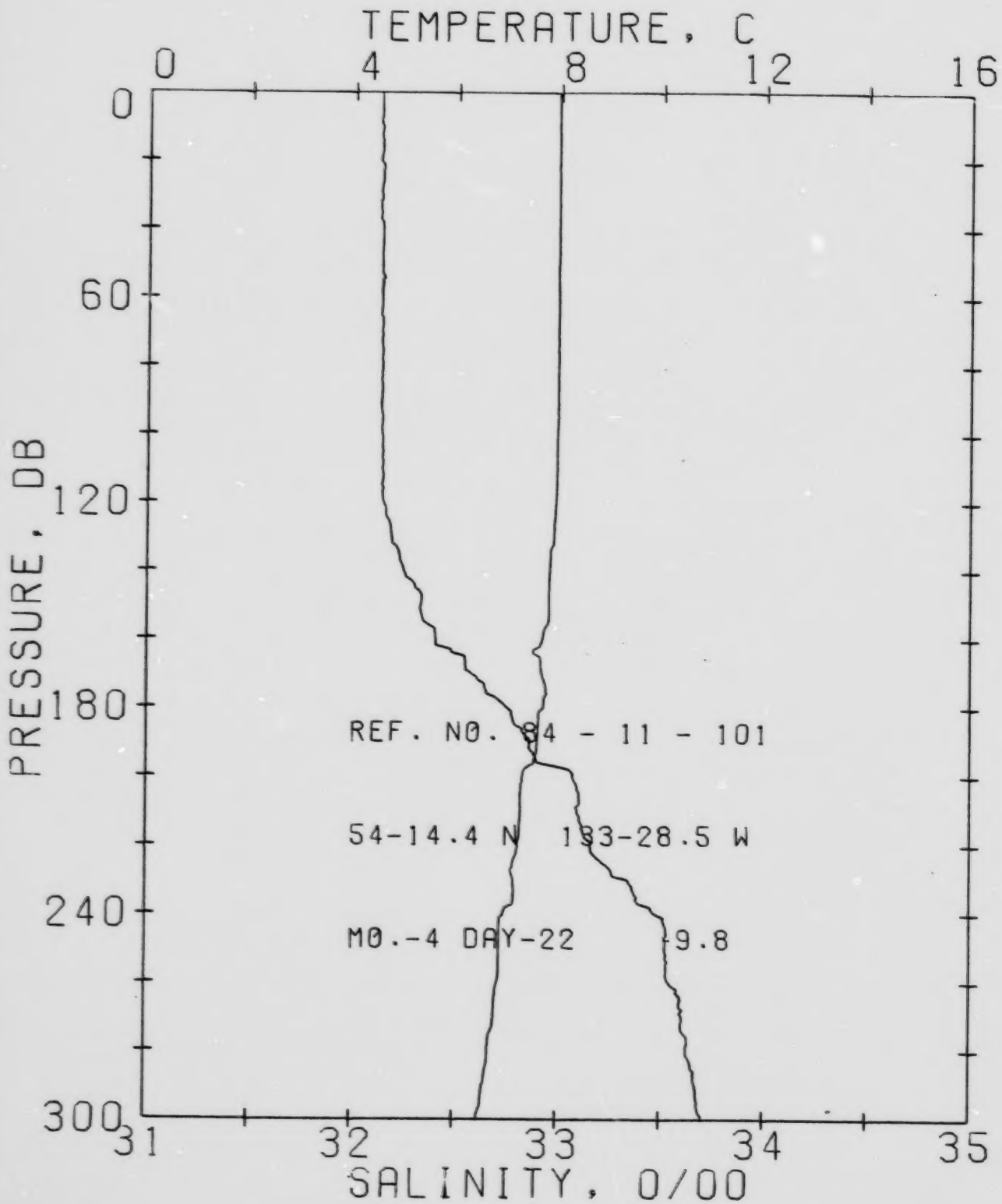
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11- 99 DATE 22/ 4/84
POSITION 54-19.0N, 133- 3.2W GMT 6.9 STATION QC28
RESULTS OF STP CAST 368 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.86	31.96	0	24.94	302.7	.00	.00	1478.
10	7.87	31.96	10	24.94	303.0	.30	.02	1479.
20	7.85	31.99	20	24.96	300.6	.61	.06	1479.
30	7.87	32.05	30	25.01	296.5	.90	.14	1479.
50	7.90	32.06	50	25.01	296.7	1.50	.38	1480.
75	7.93	32.09	75	25.03	295.1	2.24	.85	1480.
100	7.91	32.09	99	25.03	295.5	2.98	1.51	1480.
125	7.40	32.19	124	25.18	281.6	3.70	2.33	1479.
150	7.09	32.40	149	25.39	262.0	4.37	3.28	1478.
175	6.79	32.83	174	25.77	226.1	4.97	4.27	1478.
200	6.59	33.08	199	25.98	205.7	5.52	5.31	1478.
225	6.36	33.34	223	26.22	183.5	6.00	6.36	1478.
250	6.22	33.52	248	26.38	168.7	6.44	7.42	1478.
300	6.06	33.69	298	26.53	154.6	7.23	9.63	1478.
400	5.65	33.85	397	26.71	139.2	8.69	14.83	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 100
54-14.6 N 133-11.9 W
MO.-4 DAY-22 7.8
31
32
33
34
35
SALINITY, O/OO

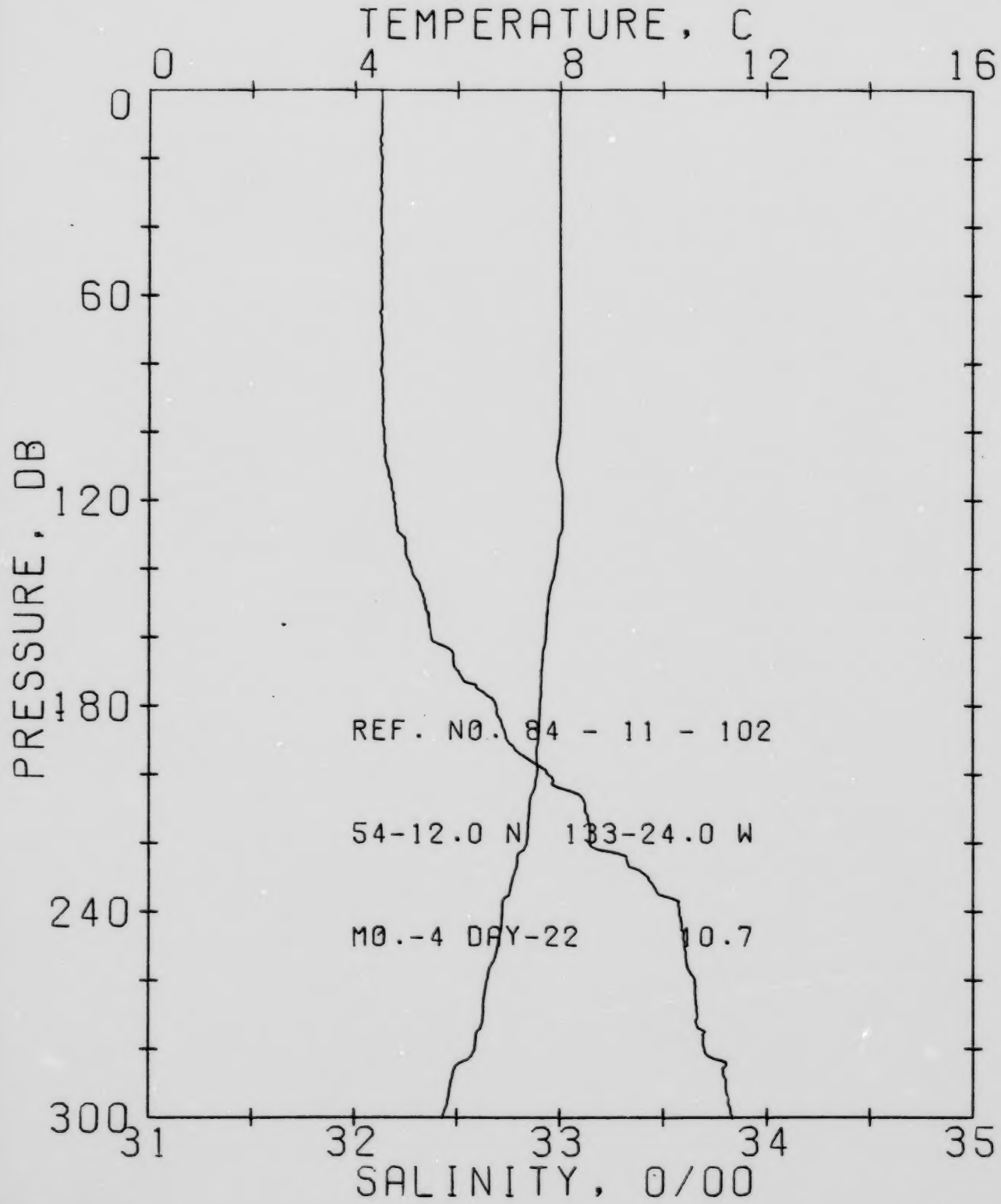
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-100 DATE 22/ 4/84
POSITION 54-14.6N, 133-11.9W GMT 7.8 STATION QC29
RESULTS OF STP CAST 144 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.94	32.13	0	25.06	291.3	.00	.00	1479.
10	7.94	32.13	10	25.05	291.8	.29	.01	1479.
20	7.94	32.13	20	25.06	291.6	.58	.06	1479.
30	7.95	32.14	30	25.06	291.5	.87	.13	1479.
50	7.96	32.13	50	25.06	292.1	1.46	.37	1480.
75	7.95	32.14	75	25.06	292.0	2.19	.84	1480.
100	7.97	32.14	99	25.06	292.2	2.92	1.49	1481.
125	7.93	32.21	124	25.12	287.2	3.64	2.32	1481.
150	7.60	32.41	149	25.32	267.9	4.35	3.31	1480.
175	6.90	32.87	174	25.78	225.1	4.96	4.32	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 101
54-14.4 N 133-28.5 W
MO.-4 DAY-22
9.8
31
32
33
34
35
SALINITY, O/OO

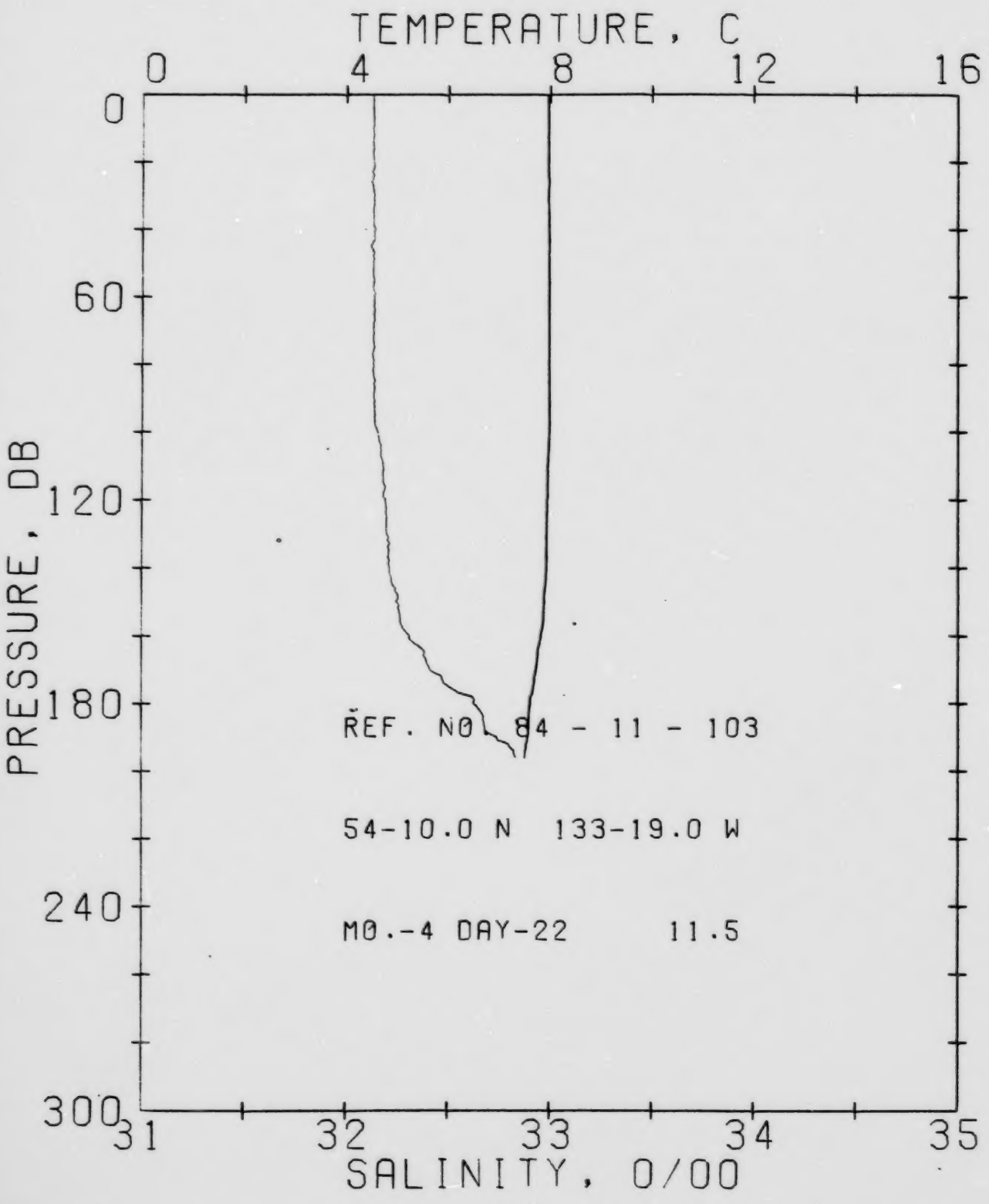
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-101 DATE 22/ 4/84
POSITION 54-14.4N, 133-28.5W GMT 9.8 STATION QC32
RESULTS OF STP CAST 315 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.97	32.13	0	25.05	292.0	.00	.00	1479.
10	7.96	32.13	10	25.05	291.8	.29	.01	1479.
20	7.98	32.12	20	25.04	292.9	.58	.06	1479.
30	7.97	32.13	30	25.05	292.4	.88	.13	1480.
50	7.97	32.13	50	25.05	292.4	1.46	.37	1480.
75	7.97	32.14	75	25.06	292.2	2.19	.84	1480.
100	7.97	32.14	99	25.06	292.5	2.92	1.49	1481.
125	7.93	32.17	124	25.09	290.0	3.65	2.33	1481.
150	7.82	32.33	149	25.23	277.1	4.36	3.32	1481.
175	7.76	32.65	174	25.49	252.8	5.03	4.42	1482.
200	7.32	33.07	199	25.88	215.7	5.62	5.55	1481.
225	7.14	33.22	224	26.03	202.3	6.15	6.69	1481.
250	6.88	33.52	248	26.30	177.0	6.61	7.82	1481.
300	6.48	33.70	298	26.49	159.2	7.45	10.17	1480.
400	5.46	33.99	397	26.85	125.8	8.88	15.17	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 102
54-12.0 N 133-24.0 W
MO.-4 DAY-22 10.7
31
32
33
34
35
SALINITY, O/OO

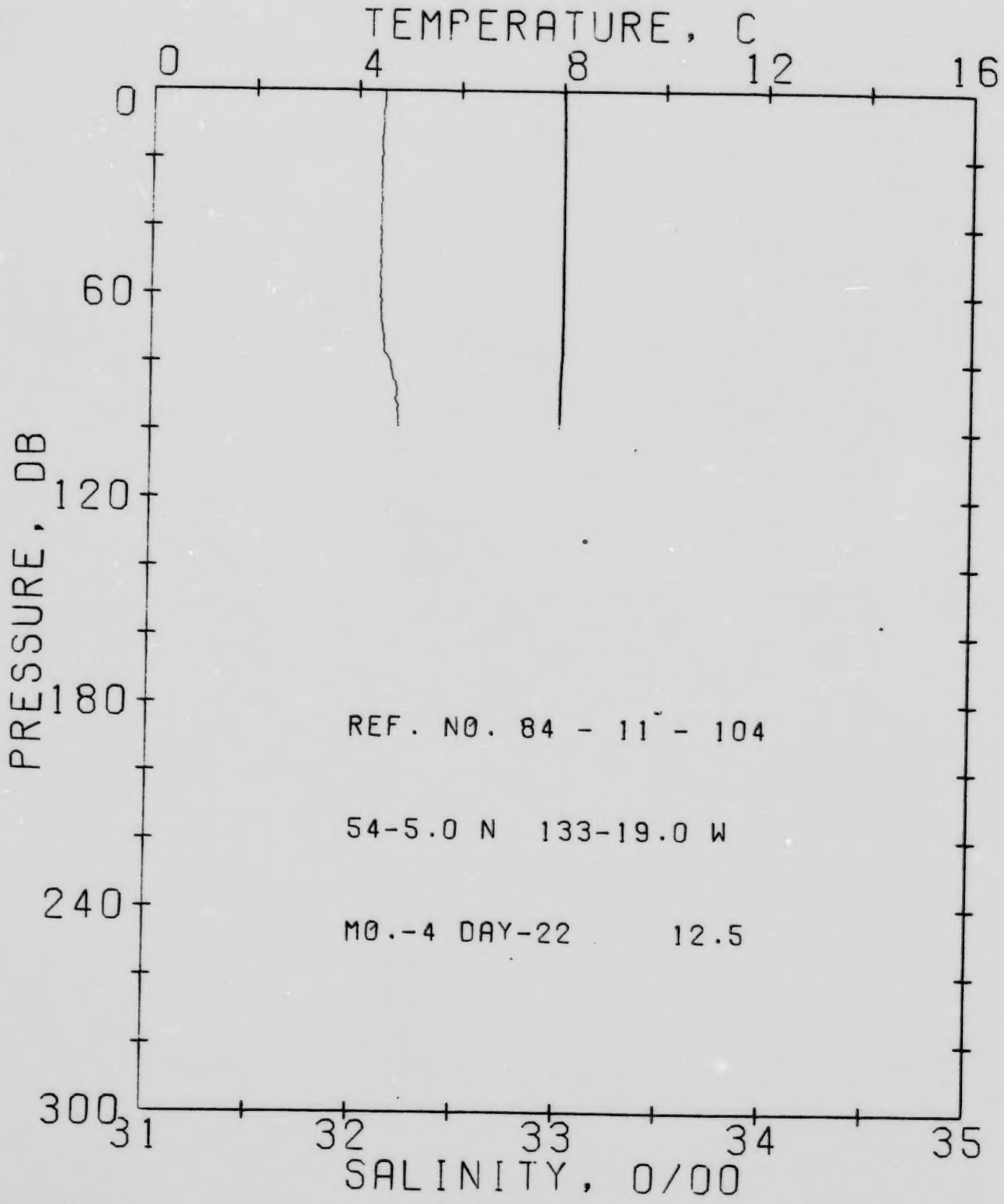
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-102 DATE 22/ 4/84
POSITION 54-12.0N, 133-24.0W GMT 10.7 STATION QC31
RESULTS OF STP CAST 366 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.98	32.13	0	25.05	292.0	.00	.00	1479.
10	7.99	32.13	10	25.05	292.1	.29	.01	1479.
20	7.99	32.13	20	25.05	292.1	.58	.06	1479.
30	8.00	32.13	30	25.05	292.6	.88	.13	1480.
50	8.00	32.13	50	25.05	293.0	1.46	.37	1480.
75	8.01	32.13	75	25.05	293.1	2.20	.84	1480.
100	7.99	32.14	99	25.06	292.8	2.93	1.49	1481.
125	8.03	32.20	124	25.10	289.1	3.66	2.33	1481.
150	7.77	32.34	149	25.24	275.7	4.36	3.32	1481.
175	7.62	32.60	174	25.47	254.9	5.03	4.42	1481.
200	7.56	32.94	199	25.74	228.9	5.64	5.58	1482.
225	7.17	33.32	224	26.10	195.5	6.17	6.74	1481.
250	6.80	33.60	248	26.37	170.1	6.62	7.82	1480.
300	5.73	33.84	298	26.69	139.7	7.40	10.00	1477.
400	4.97	34.06	397	26.96	114.9	8.68	14.48	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 103
54-10.0 N 133-19.0 W
MO.-4 DAY-22 11.5
31
32
33
34
35
SALINITY, O/OO

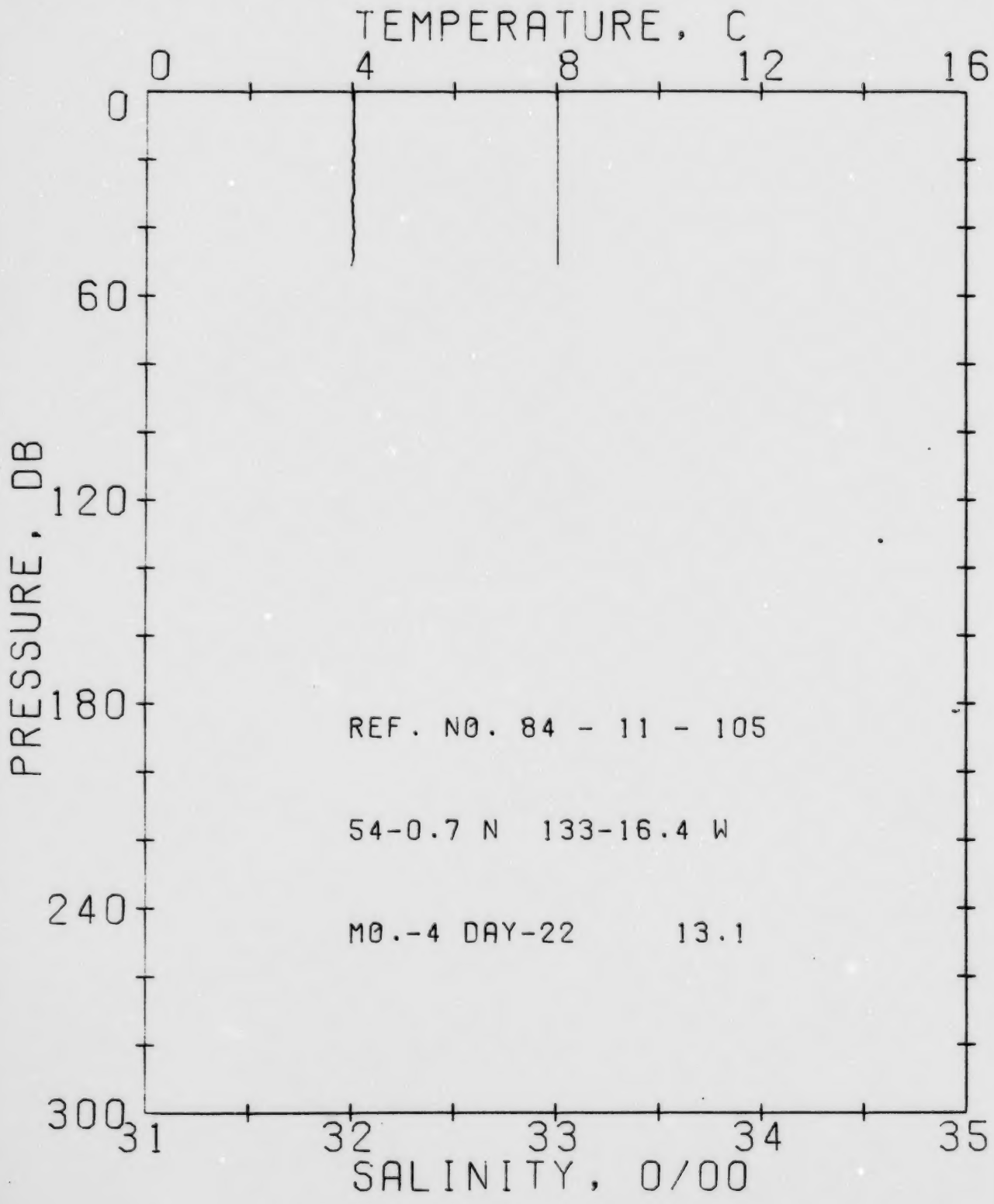
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-103 DATE 22/ 4/84
POSITION 54-10.0N, 133-19.0W GMT 11.5 STATION QC30
RESULTS OF STP CAST 187 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.96	32.13	0	25.06	291.4	.00	.00	1479.
10	7.97	32.13	10	25.05	291.9	.29	.01	1479.
20	7.96	32.14	20	25.06	291.5	.58	.06	1479.
30	7.96	32.14	30	25.06	291.6	.88	.13	1480.
50	7.98	32.13	50	25.05	292.5	1.46	.37	1480.
75	7.98	32.14	75	25.06	292.5	2.19	.84	1480.
100	7.99	32.16	99	25.07	291.6	2.92	1.49	1481.
125	7.94	32.20	124	25.11	288.0	3.65	2.32	1481.
150	7.89	32.24	149	25.15	284.4	4.36	3.32	1481.
175	7.68	32.50	174	25.39	262.5	5.05	4.46	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 104
54-5.0 N 133-19.0 W
MO.-4 DAY-22 12.5
31
32
33
34
35
SALINITY, O/OO

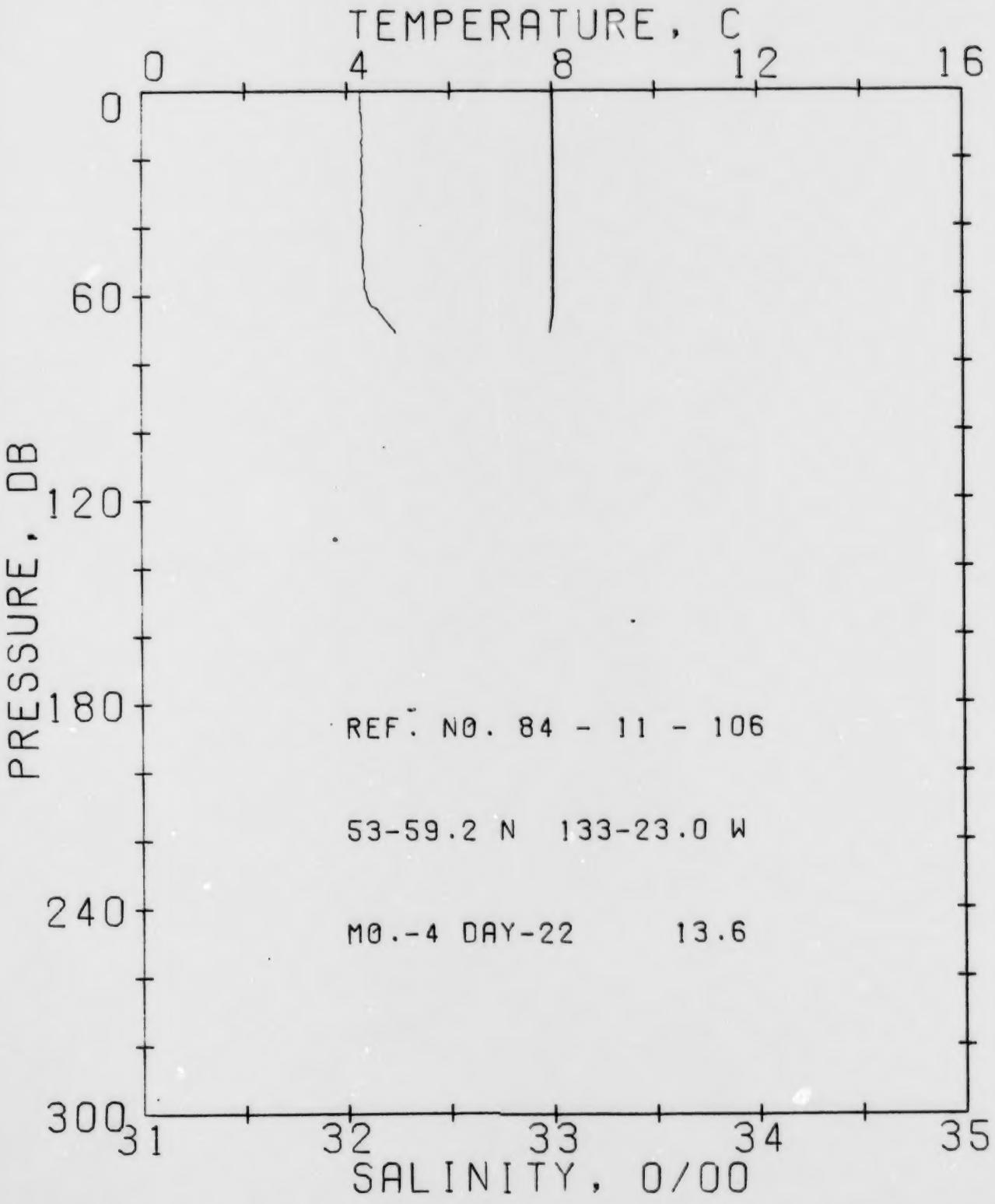
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-104 DATE 22/ 4/84
POSITION 54- 5.0N, 133-19.0W GMT 12.5 STATION QC65
RESULTS OF STP CAST 92 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.02	32.13	0	25.04	292.5	.00	.00	1479.
10	8.02	32.12	10	25.04	293.2	.29	.01	1479.
20	8.03	32.11	20	25.03	294.2	.59	.06	1480.
30	8.04	32.12	30	25.03	294.2	.88	.13	1480.
50	8.04	32.12	50	25.03	294.5	1.47	.37	1480.
75	8.03	32.14	75	25.05	293.1	2.20	.84	1481.
100	7.99	32.21	99	25.11	287.4	2.93	1.49	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 105
54-0.7 N 133-16.4 W
MO.-4 DAY-22 13.1
31
32
33
34
35
SALINITY, O/OO

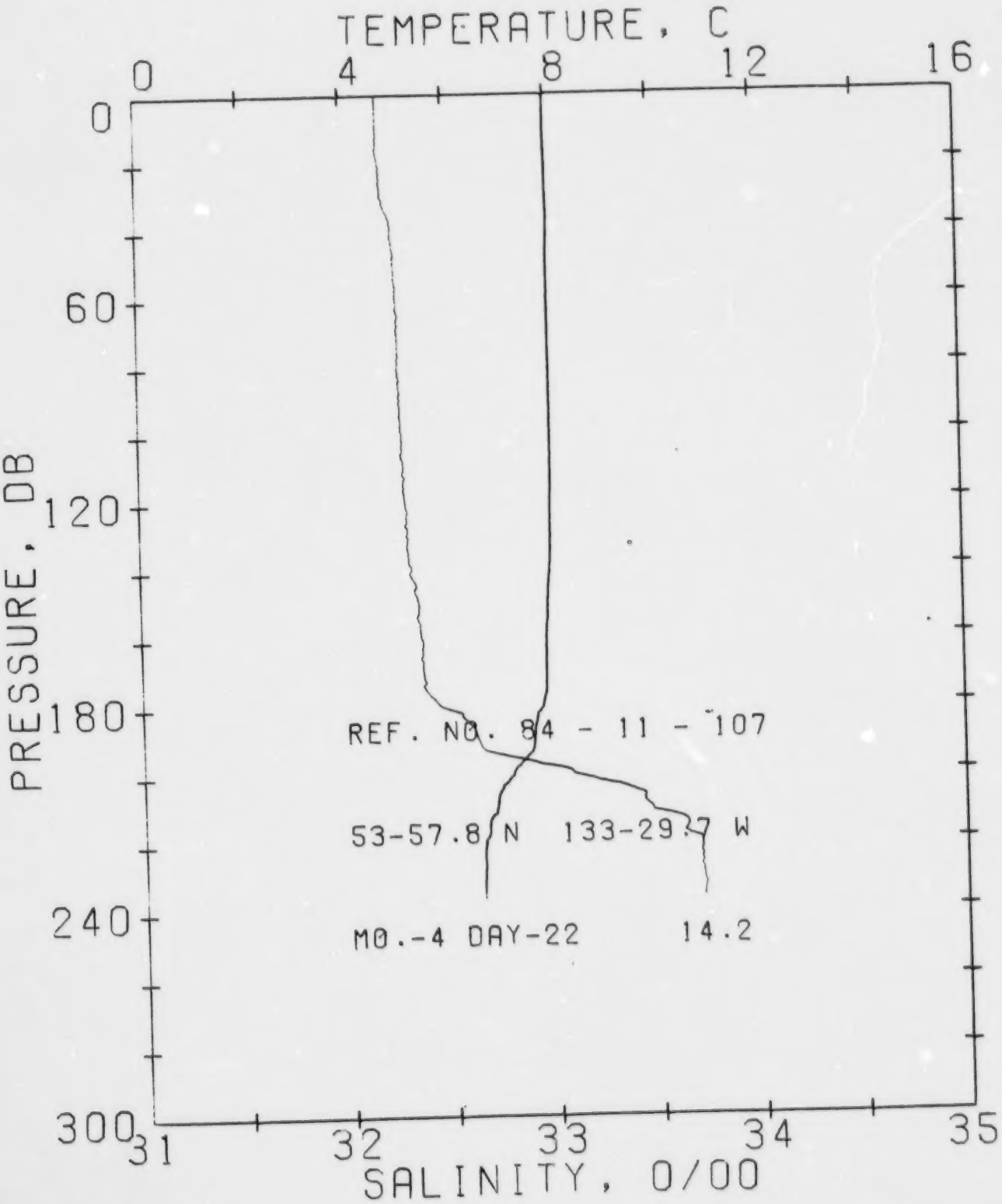
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-105 DATE 22/ 4/84
POSITION 54- .7N, 133-16.4W GMT 13.1 STATION QC17
RESULTS OF STP CAST 45 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.02	32.01	0	24.95	301.5	.00	.00	1479.
10	8.02	32.01	10	24.95	301.7	.30	.02	1479.
20	8.03	32.00	20	24.94	302.6	.60	.06	1479.
30	8.03	32.01	30	24.95	302.1	.91	.14	1480.
50	8.03	32.00	50	24.94	302.7	1.51	.38	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 106
53-59.2 N 133-23.0 W
MO.-4 DAY-22 13.6
31
32
33
34
35
SALINITY, O/OO

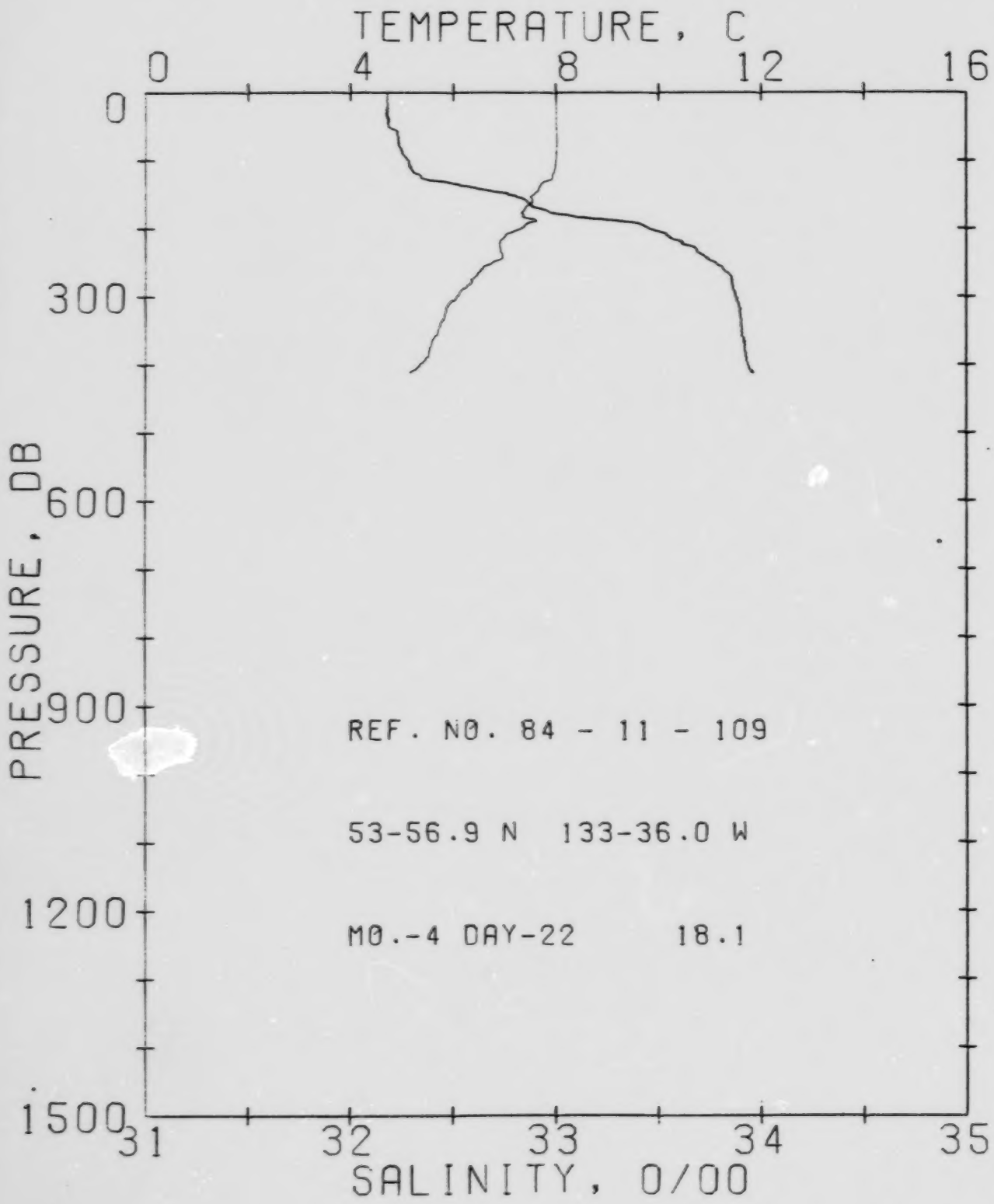
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-106 DATE 22/ 4/84
POSITION 53-59.2N, 133-23.0W GMT 13.6 STATION QC18
RESULTS OF STP CAST 66 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.02	32.07	0	25.00	297.1	.00	.00	1479.
10	8.01	32.08	10	25.00	296.5	.30	.02	1479.
20	8.03	32.07	20	25.00	297.4	.59	.06	1480.
30	8.03	32.07	30	25.00	297.3	.89	.14	1480.
50	8.03	32.08	50	25.00	297.1	1.49	.38	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 107
53-57.8 N 133-29.7 W
MO.-4 DAY-22
14.2
31
32
33
34
35
SALINITY, O/OO

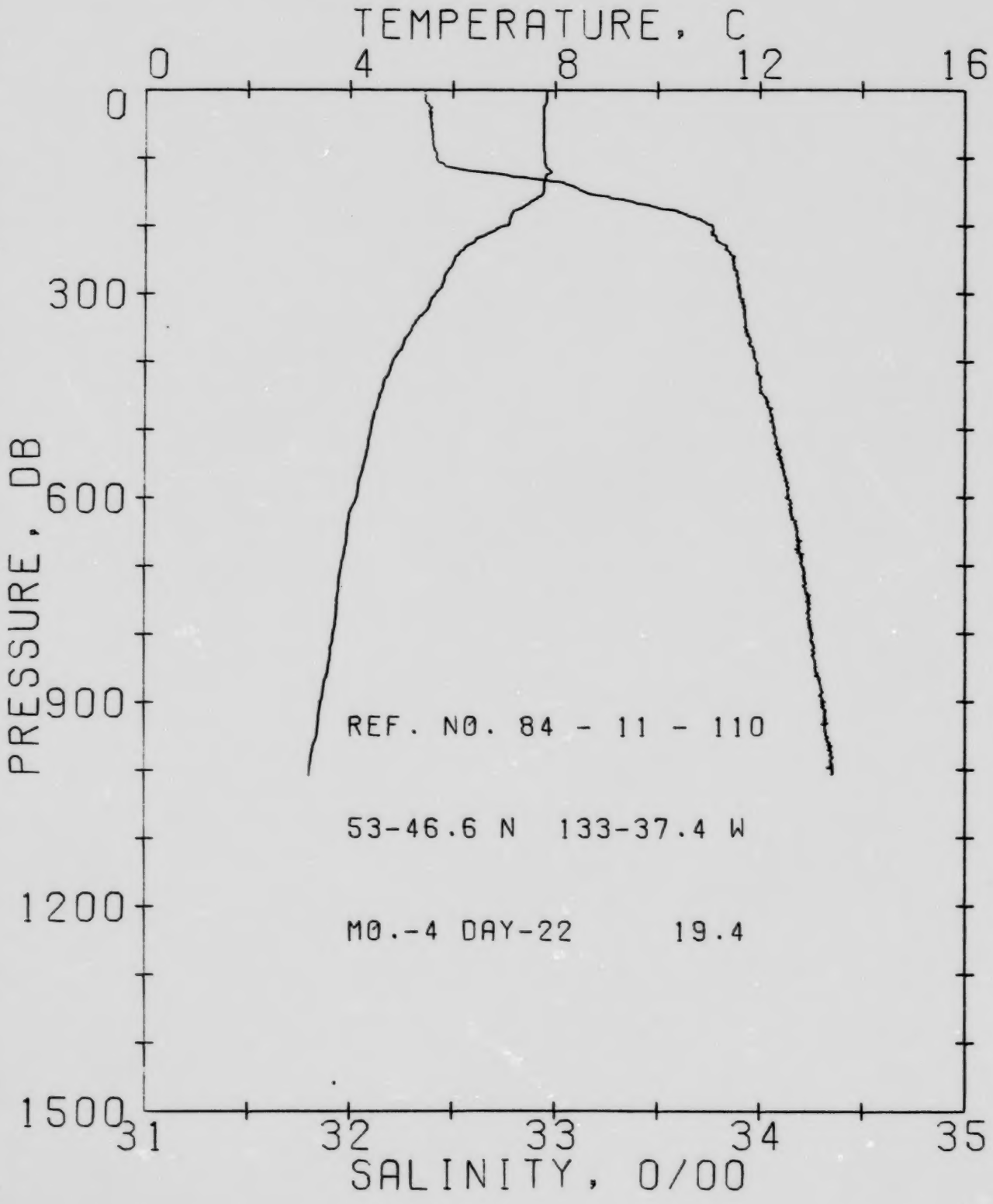
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-107 DATE 22/ 4/84
POSITION 53-57.8N, 133-29.7W GMT 14.2 STATION QC19
RESULTS OF STP CAST 235 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED, PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.00	32.18	0	25.09	288.2	.00	.00	1479.
10	8.00	32.18	10	25.09	288.5	.29	.01	1479.
20	8.01	32.19	20	25.09	288.3	.58	.06	1480.
30	8.02	32.20	30	25.10	287.9	.86	.13	1480.
50	8.01	32.25	50	25.14	283.7	1.43	.36	1480.
75	8.01	32.27	75	25.15	283.1	2.14	.82	1481.
100	8.01	32.28	99	25.16	282.5	2.85	1.45	1481.
125	7.99	32.30	124	25.18	281.4	3.56	2.25	1481.
150	7.91	32.35	149	25.23	276.7	4.26	3.23	1482.
175	7.86	32.38	174	25.26	274.4	4.94	4.38	1482.
200	7.20	33.09	199	25.91	212.6	5.57	5.57	1481.
225	6.61	33.70	223	26.47	159.7	6.01	6.52	1479.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 109
53-56.9 N 133-36.0 W
MO.-4 DAY-22 18.1
31
32
33
34
35
SALINITY, O/OO

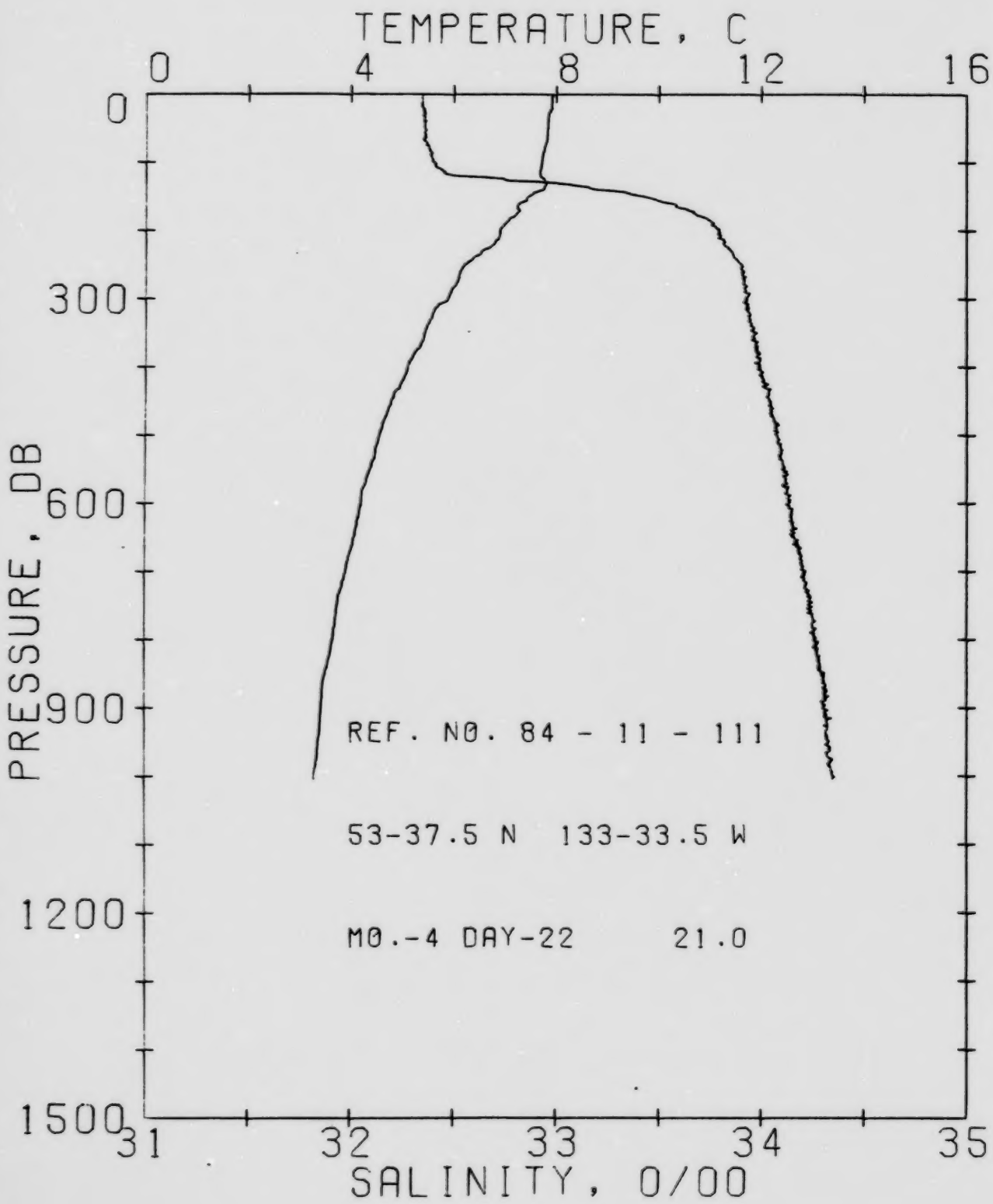
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-109 DATE 22/ 4/84
POSITION 53-56.9N, 133-36.0W GMT 18.1 STATION QC20
RESULTS OF STP CAST 409 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.01	32.18	0	25.09	288.5	.00	.00	1479.
10	8.01	32.18	10	25.09	288.7	.29	.01	1479.
20	8.01	32.18	20	25.09	288.6	.58	.06	1480.
30	8.01	32.18	30	25.08	289.2	.87	.13	1480.
50	8.01	32.19	50	25.09	288.7	1.44	.37	1480.
75	8.02	32.24	75	25.13	285.4	2.16	.82	1481.
100	8.00	32.28	99	25.17	282.2	2.87	1.46	1481.
125	7.93	32.34	124	25.22	277.1	3.57	2.26	1481.
150	7.58	32.77	149	25.61	240.9	4.22	3.16	1481.
175	7.37	32.97	174	25.79	223.6	4.80	4.12	1481.
200	7.33	33.46	199	26.18	187.3	5.31	5.09	1482.
225	6.91	33.66	223	26.40	166.7	5.74	6.04	1481.
250	6.76	33.78	248	26.51	156.3	6.15	7.03	1481.
300	6.08	33.88	298	26.68	141.2	6.89	9.08	1479.
400	5.34	33.94	397	26.82	128.7	8.23	13.87	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 110
53-46.6 N 133-37.4 W
MO.-4 DAY-22 19.4
31
32
33
34
35
SALINITY, O/OO

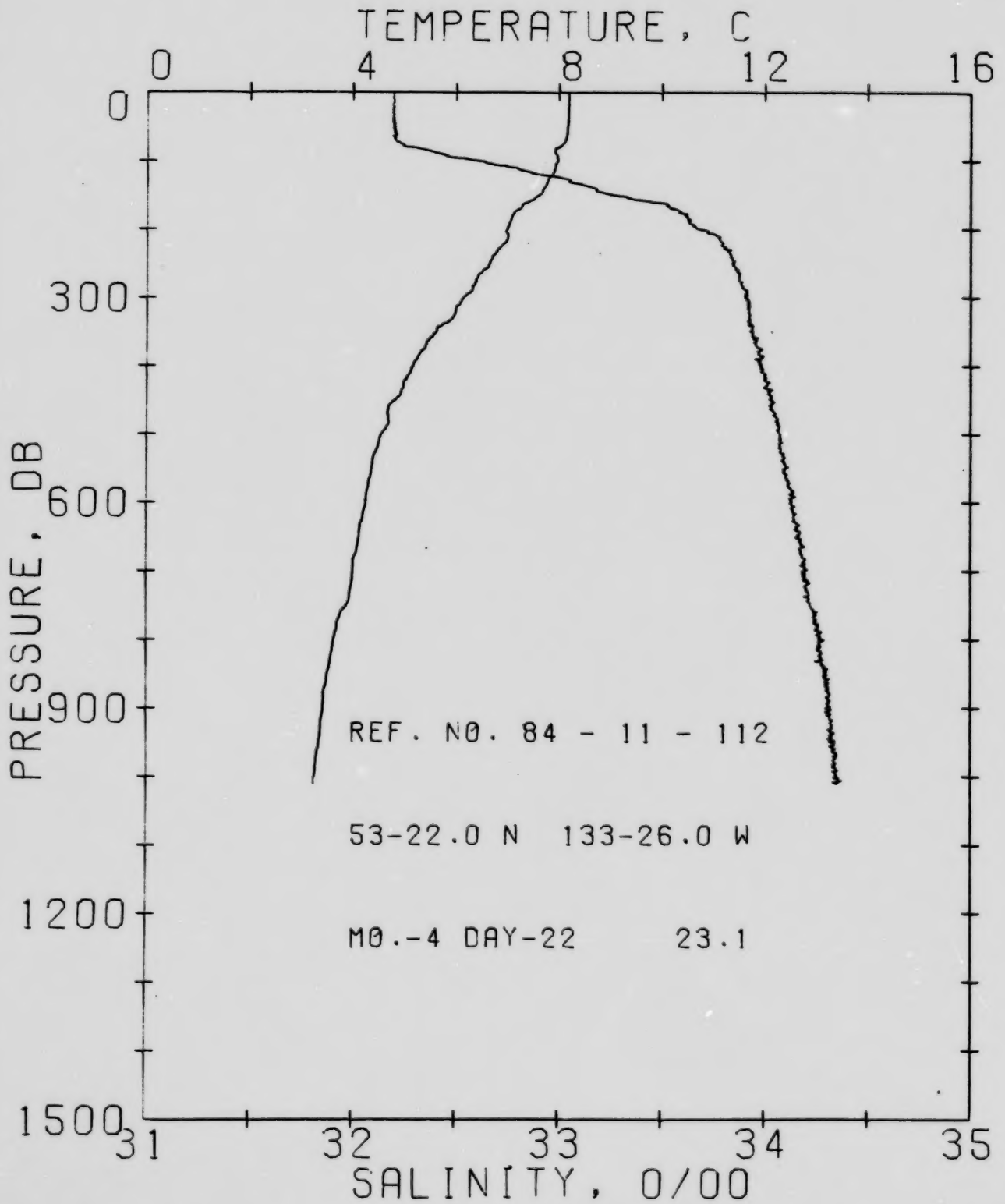
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-110 DATE 22/ 4/84
POSITION 53-46.6N, 133-37.4W GMT 19.4 STATION QC23
RESULTS OF STP CAST 951 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.84	32.37	0	25.26	272.3	.00	.00	1479.
10	7.84	32.37	10	25.25	272.6	.27	.01	1479.
20	7.81	32.38	20	25.27	271.5	.54	.06	1479.
30	7.78	32.39	30	25.28	270.6	.82	.12	1479.
50	7.78	32.40	50	25.29	269.9	1.36	.34	1480.
75	7.77	32.40	75	25.29	269.8	2.03	.77	1480.
100	7.80	32.42	99	25.30	269.4	2.70	1.37	1480.
125	7.81	32.77	124	25.58	243.6	3.36	2.13	1481.
150	7.78	33.15	149	25.88	215.5	3.93	2.92	1482.
175	7.30	33.53	174	26.24	181.0	4.42	3.74	1481.
200	6.97	33.77	199	26.48	159.3	4.84	4.54	1481.
225	6.39	33.81	223	26.58	149.2	5.23	5.38	1479.
250	6.04	33.87	248	26.68	140.5	5.59	6.25	1478.
300	5.67	33.90	298	26.75	134.0	6.28	8.17	1477.
400	4.83	33.98	397	26.91	119.3	7.54	12.68	1475.
500	4.40	34.07	496	27.03	108.5	8.68	17.90	1475.
600	4.12	34.12	595	27.10	102.6	9.73	23.77	1476.
800	3.66	34.25	793	27.24	89.9	11.62	37.20	1478.
1000	3.21	34.36	990	27.37	78.2	13.30	52.55	1479.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 111
53-37.5 N 133-33.5 W
MO.-4 DAY-22 21.0
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-111 DATE 22/ 4/84
POSITION 53-37.5N, 133-33.5W GMT 21.0 STATION QC70
RESULTS OF STP CAST 927 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	7.91	32.35	0	25.23	274.7	.00	.00	1479.
10	7.92	32.35	10	25.23	274.9	.27	.01	1479.
20	7.93	32.35	20	25.23	275.0	.55	.06	1480.
30	7.85	32.36	30	25.25	273.6	.82	.13	1479.
50	7.84	32.36	50	25.25	273.6	1.37	.35	1480.
75	7.79	32.36	75	25.26	273.1	2.06	.78	1480.
100	7.73	32.40	99	25.30	269.7	2.73	1.39	1480.
125	7.77	32.75	124	25.56	245.0	3.39	2.14	1481.
150	7.45	33.43	149	26.15	190.0	3.93	2.89	1481.
175	7.24	33.68	174	26.37	169.3	4.37	3.63	1481.
200	6.91	33.80	199	26.51	156.5	4.78	4.40	1480.
225	6.72	33.84	223	26.57	150.7	5.16	5.24	1480.
250	6.22	33.91	248	26.69	139.7	5.53	6.11	1479.
300	5.90	33.92	298	26.73	135.8	6.21	8.04	1478.
400	5.11	33.99	397	26.89	121.6	7.49	12.58	1477.
500	4.56	34.07	496	27.01	110.3	8.64	17.86	1476.
600	4.19	34.13	595	27.10	102.8	9.70	23.80	1476.
800	3.65	34.26	793	27.25	88.8	11.61	37.34	1477.
1000	3.27	34.35	990	27.36	79.6	13.28	52.65	1479.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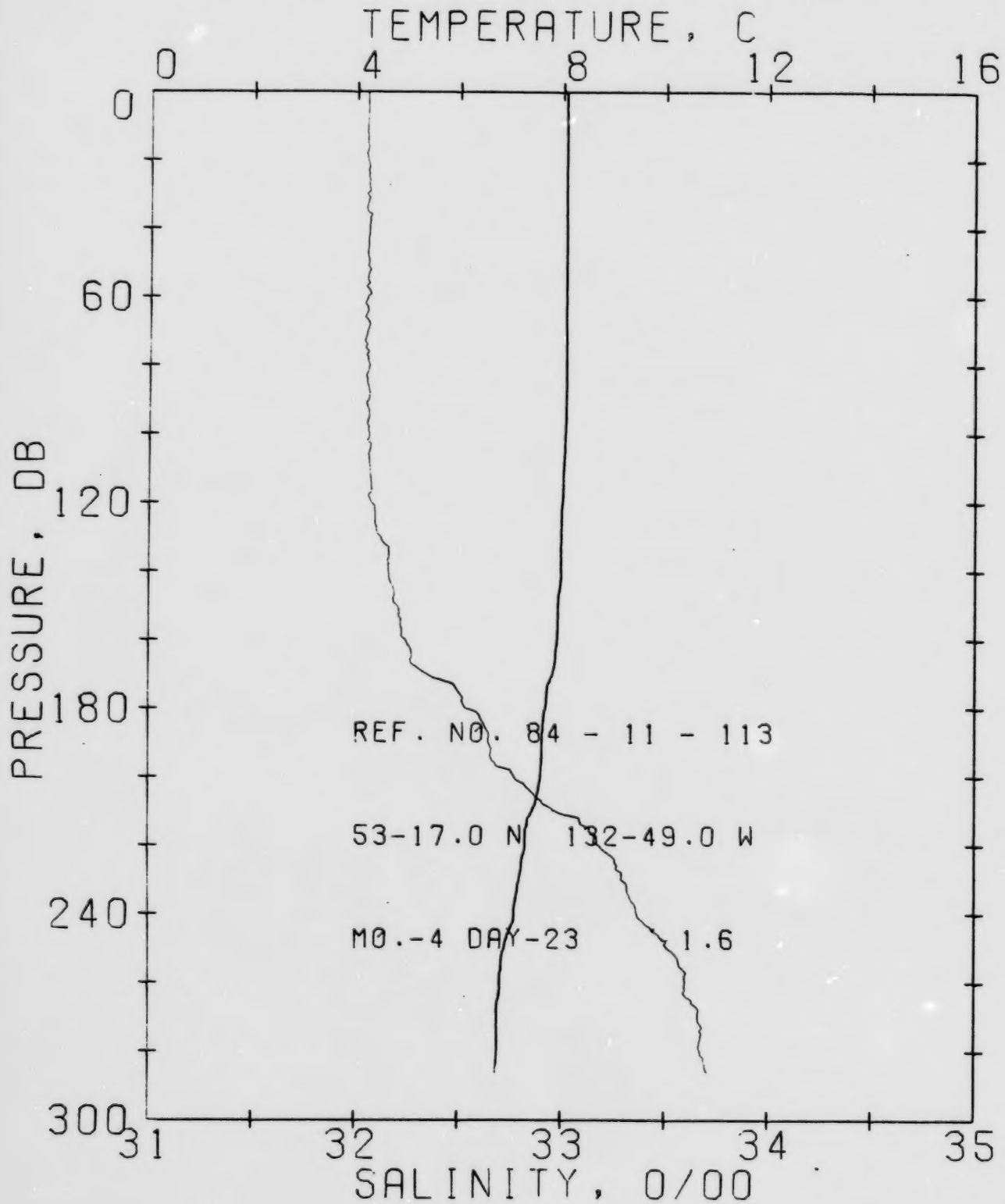
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 112
53-22.0 N 133-26.0 W
MO.-4 DAY-22 23.1
31
32
33
34
35
SALINITY, O/OO

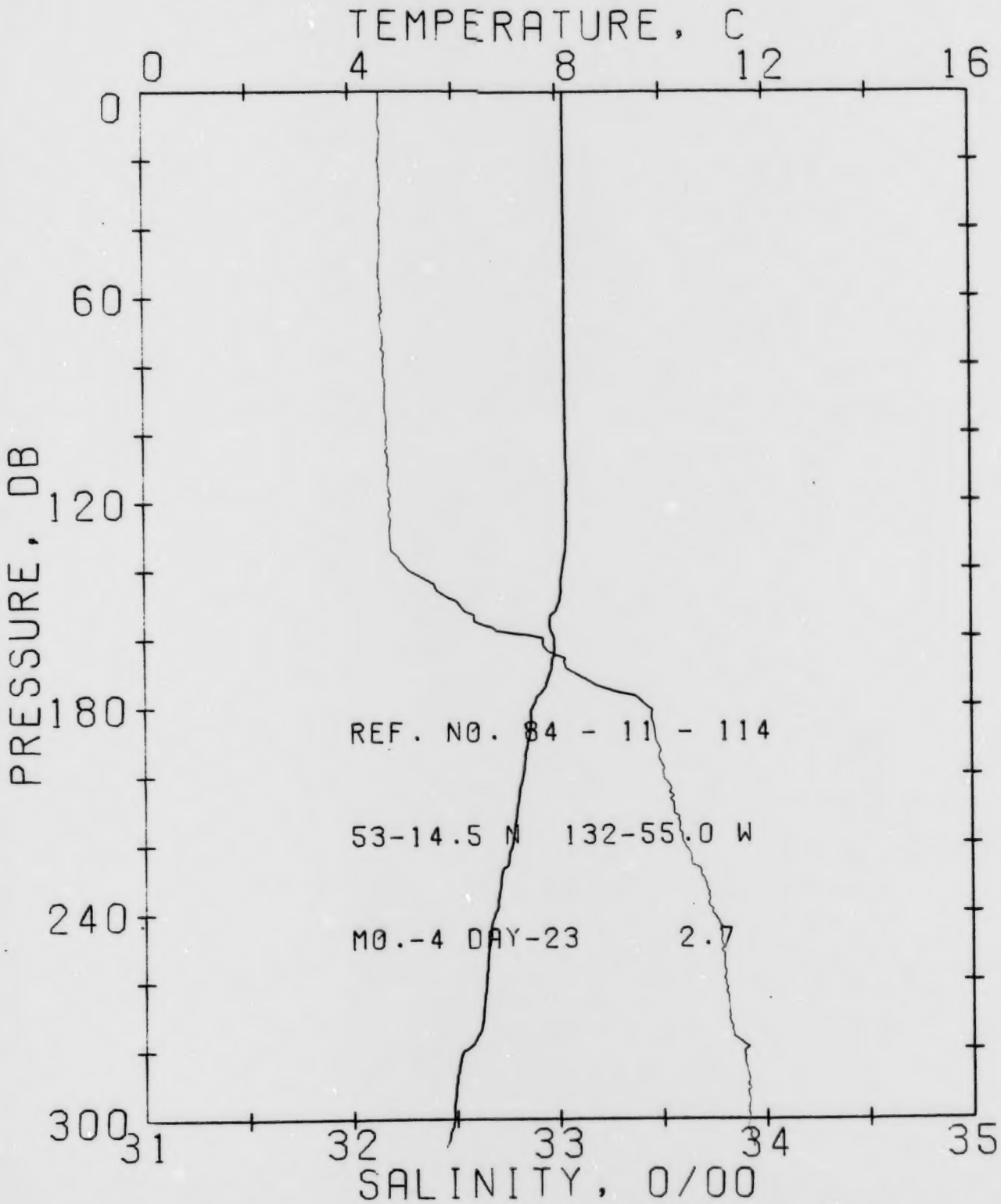
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-112 DATE 22/ 4/84
POSITION 53-22.0N, 133-26.0W GMT 23.1 STATION QC98
RESULTS OF STP CAST 923 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.18	32.20	0	25.07	289.6	.00	.00	1480.
10	8.19	32.20	10	25.07	290.0	.29	.01	1480.
20	8.19	32.19	20	25.07	290.3	.58	.06	1480.
30	8.19	32.19	30	25.07	290.8	.87	.13	1480.
50	8.16	32.20	50	25.08	289.7	1.45	.37	1481.
75	8.09	32.23	75	25.11	286.9	2.17	.83	1481.
100	7.98	32.62	99	25.44	256.7	2.86	1.44	1481.
125	7.81	33.02	124	25.77	225.2	3.46	2.13	1482.
150	7.62	33.27	149	26.00	204.2	4.00	2.88	1482.
175	7.15	33.58	174	26.31	175.1	4.46	3.65	1481.
200	7.00	33.70	199	26.42	165.0	4.89	4.46	1481.
225	6.89	33.81	223	26.52	155.9	5.29	5.33	1481.
250	6.67	33.84	248	26.57	150.9	5.67	6.25	1480.
300	6.16	33.90	298	26.69	140.2	6.39	8.27	1479.
400	5.19	33.99	397	26.87	123.0	7.70	12.94	1477.
500	4.55	34.08	496	27.02	109.6	8.87	18.26	1476.
600	4.26	34.13	595	27.09	104.0	9.94	24.24	1477.
800	3.63	34.30	793	27.29	86.0	11.86	37.94	1477.
1000	-3.26	34.34	990	27.36	79.9	13.53	53.19	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 113
53-17.0 N 132-49.0 W
MO.-4 DAY-23 1.6
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-113 DATE 23/ 4/84
POSITION 53-17.0N, 132-49.0W GMT 1.6 STATION QC79
RESULTS OF STP CAST 270 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.07	32.05	0	24.98	298.8	.00	.00	1479.
10	8.07	32.05	10	24.97	299.4	.30	.02	1480.
20	8.08	32.05	20	24.98	299.3	.60	.06	1480.
30	8.07	32.05	30	24.97	299.8	.90	.14	1480.
50	8.08	32.06	50	24.98	299.2	1.50	.38	1480.
75	8.08	32.04	75	24.97	300.9	2.25	.86	1481.
100	8.06	32.06	99	24.99	299.4	3.00	1.53	1481.
125	7.99	32.09	124	25.02	296.6	3.74	2.38	1481.
150	7.93	32.20	149	25.11	288.0	4.47	3.41	1481.
175	7.72	32.50	174	25.38	263.3	5.18	4.57	1481.
200	7.60	32.77	199	25.61	241.7	5.81	5.78	1482.
225	7.23	33.26	224	26.04	201.1	6.36	6.96	1481.
250	6.91	33.51	248	26.28	178.1	6.83	8.12	1481.


TEMPERATURE, C
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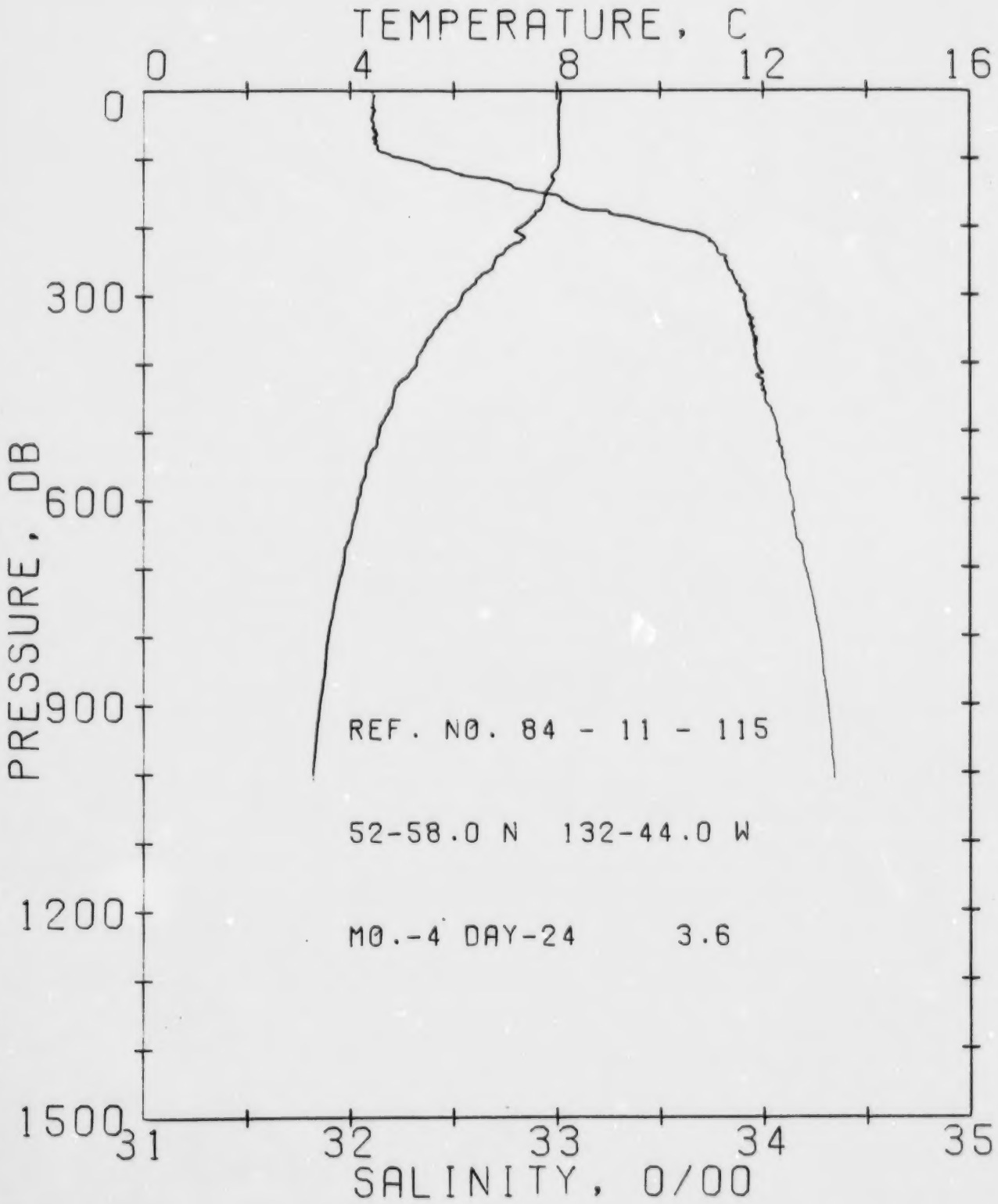
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 114
53-14.5 N 132-55.0 W
MO.-4 DAY-23 2.7
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-114 DATE 23/ 4/84
POSITION 53-14.5N, 132-55.0W GMT 2.7 STATION QC78
RESULTS OF STP CAST 240 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.14	32.15	0	25.04	292.5	.00	.00	1480.
10	8.15	32.15	10	25.04	292.9	.29	.01	1480.
20	8.16	32.14	20	25.04	293.6	.59	.06	1480.
30	8.15	32.15	30	25.04	293.1	.88	.13	1480.
50	8.16	32.14	50	25.04	294.0	1.46	.37	1481.
75	8.15	32.15	75	25.04	293.8	2.20	.84	1481.
100	8.16	32.18	99	25.06	292.2	2.93	1.49	1481.
125	8.17	32.20	124	25.07	291.4	3.66	2.33	1482.
150	8.01	32.53	149	25.36	265.0	4.37	3.32	1482.
175	7.72	33.24	174	25.96	208.4	4.96	4.30	1482.
200	7.32	33.51	199	26.22	183.4	5.43	5.20	1482.
225	7.03	33.64	223	26.37	170.0	5.88	6.16	1481.
250	6.64	33.80	248	26.54	153.4	6.28	7.12	1480.
300	5.94	33.91	298	26.72	136.7	7.00	9.16	1478.


TEMPERATURE, C
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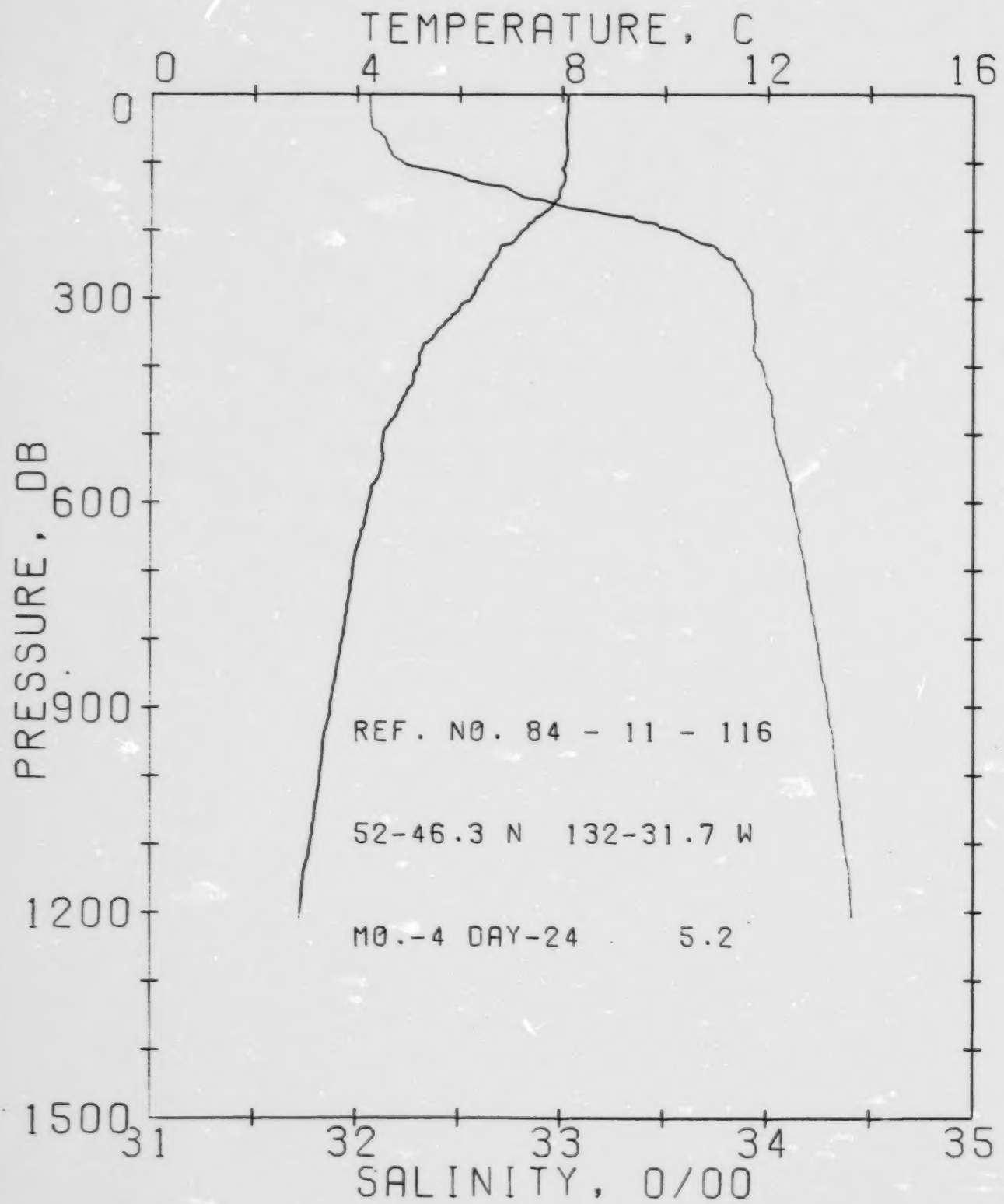
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 115
52-58.0 N 132-44.0 W
MO.-4 DAY-24 3.6
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-115 DATE 24/ 4/84
POSITION 52-58.0N, 132-44.0W GMT 3.6 STATION QC 9
RESULTS OF STP CAST 961 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.07	32.11	0	25.02	294.7	.00	.00	1479.
10	8.07	32.12	10	25.03	294.4	.29	.02	1480.
20	8.06	32.11	20	25.02	294.9	.59	.06	1480.
30	8.05	32.11	30	25.02	294.8	.88	.14	1480.
50	8.04	32.11	50	25.03	294.9	1.47	.38	1480.
75	8.04	32.12	75	25.04	294.3	2.21	.84	1481.
100	8.05	32.27	99	25.15	284.0	2.94	1.49	1481.
125	7.89	32.58	124	25.42	259.0	3.62	2.27	1481.
150	7.79	32.95	149	25.72	230.6	4.23	3.13	1482.
175	7.66	33.18	174	25.91	212.3	4.79	4.05	1482.
200	7.30	33.55	199	26.26	179.8	5.28	4.98	1482.
225	7.15	33.77	223	26.45	162.1	5.70	5.90	1482.
250	6.81	33.81	248	26.53	154.7	6.09	6.85	1481.
300	6.18	33.92	298	26.70	139.2	6.83	8.91	1479.
400	5.30	33.96	397	26.84	126.2	8.15	13.60	1477.
500	4.56	34.07	496	27.01	110.5	9.32	18.97	1476.
600	4.15	34.14	595	27.11	101.4	10.38	24.90	1476.
800	3.57	34.27	793	27.27	86.8	12.27	38.29	1477.
1000	3.27	34.35	990	27.36	79.6	13.93	53.49	1479.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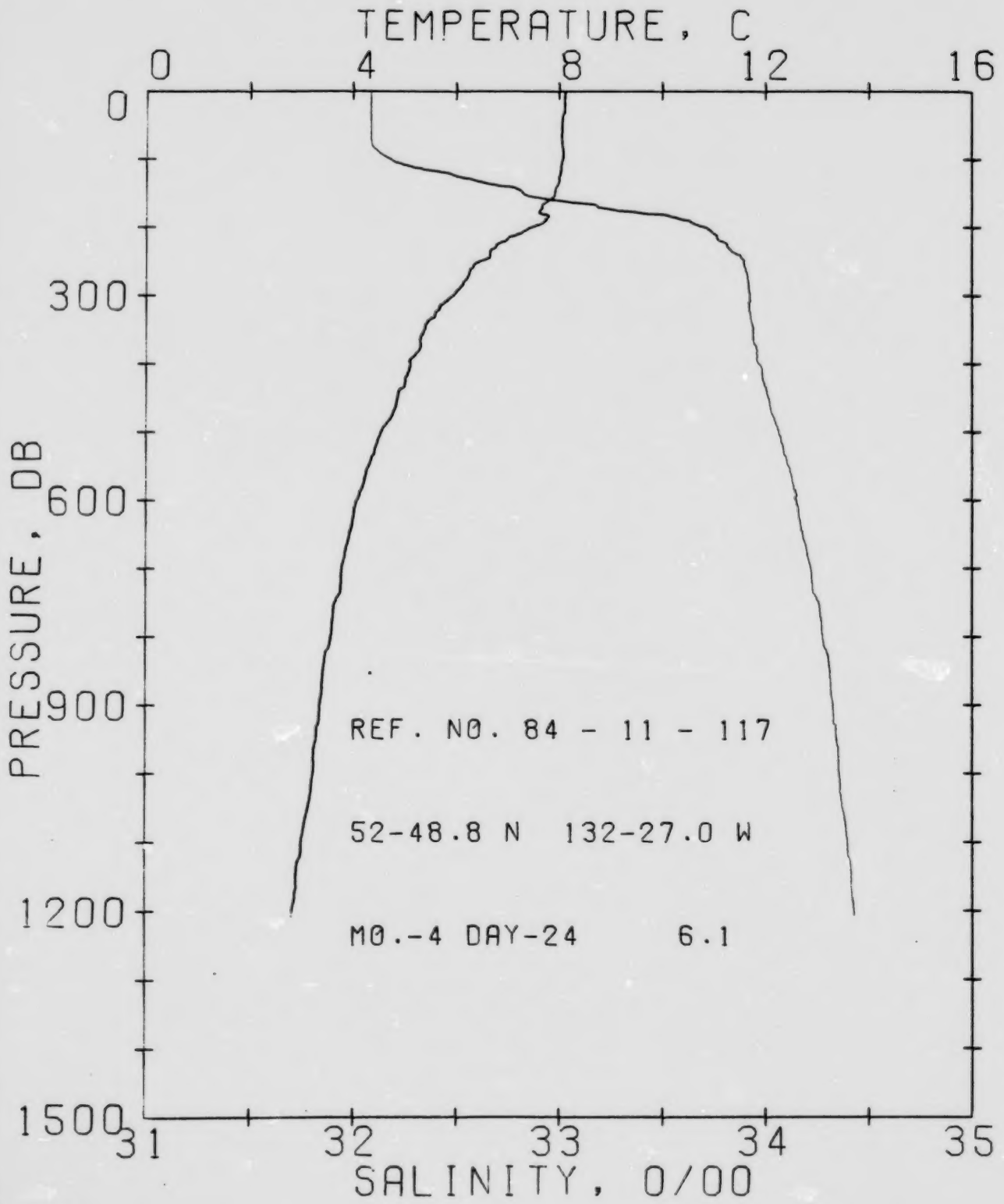
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 116
52-46.3 N 132-31.7 W
MO.-4 DAY-24 5.2
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-116 DATE 24/ 4/84
POSITION 52-46.3N, 132-31.7W GMT 5.2 STATION QC15
RESULTS OF STP CAST 1208 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.11	32.06	0	24.98	298.7	.00	.00	1480.
10	8.10	32.06	10	24.98	298.5	.30	.02	1480.
20	8.10	32.06	20	24.98	298.8	.60	.06	1480.
30	8.10	32.06	30	24.98	298.9	.90	.14	1480.
50	8.07	32.08	50	25.00	297.8	1.49	.38	1480.
75	8.09	32.15	75	25.05	292.8	2.23	.85	1481.
100	8.06	32.22	99	25.11	287.6	2.96	1.50	1481.
125	8.06	32.53	124	25.35	264.8	3.64	2.28	1482.
150	7.94	32.81	149	25.58	243.3	4.27	3.16	1482.
175	7.63	33.21	174	25.94	209.5	4.84	4.10	1482.
200	7.22	33.56	199	26.28	178.2	5.32	5.02	1481.
225	6.79	33.75	223	26.49	158.6	5.75	5.94	1480.
250	6.61	33.84	248	26.58	149.9	6.13	6.87	1480.
300	6.24	33.92	298	26.69	139.8	6.85	8.89	1480.
400	5.18	33.98	397	26.87	123.7	8.16	13.55	1477.
500	4.53	34.04	496	26.99	112.6	9.34	18.96	1476.
600	4.24	34.13	595	27.09	103.6	10.43	25.03	1476.
800	3.73	34.24	793	27.23	91.2	12.37	38.82	1478.
1000	3.30	34.34	990	27.35	80.6	14.08	54.44	1479.
1200	2.91	34.41	1188	27.45	72.0	15.60	71.45	1481.


TEMPERATURE, C
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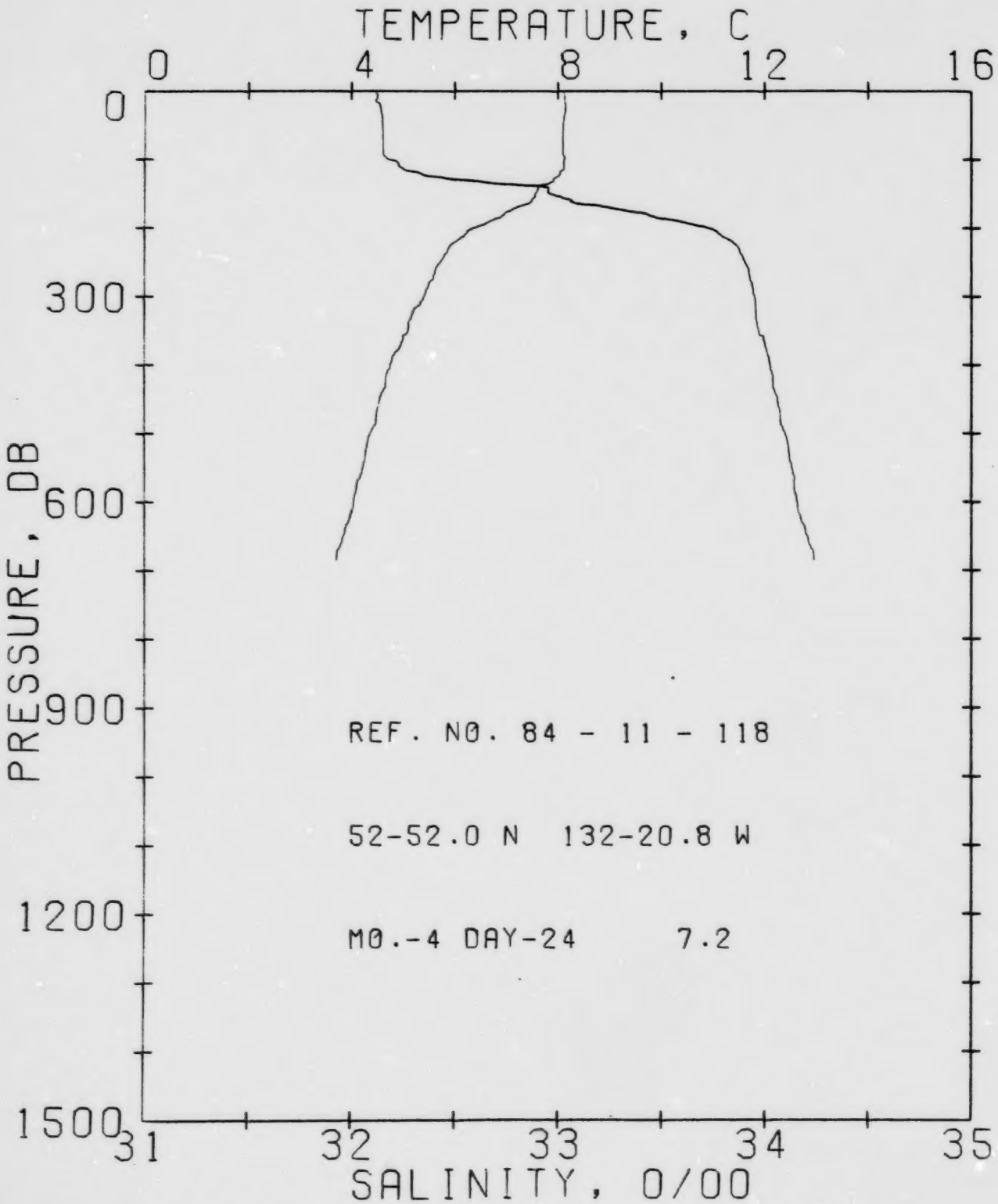
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 117
52-48.8 N 132-27.0 W
MO.-4 DAY-24 6.1
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-117 DATE 24/ 4/84
POSITION 52-48.8N, 132-27.0W GMT 6.1 STATION QC14
RESULTS OF STP CAST 1208 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.12	32.09	0	25.00	297.0	.00	.00	1480.
10	8.11	32.09	10	25.00	297.1	.30	.02	1480.
20	8.11	32.08	20	25.00	297.4	.59	.06	1480.
30	8.12	32.09	30	25.00	297.5	.89	.14	1480.
50	8.06	32.09	50	25.01	296.8	1.49	.38	1480.
75	8.06	32.09	75	25.01	297.1	2.23	.85	1481.
100	8.07	32.19	99	25.08	290.3	2.97	1.51	1481.
125	8.00	32.51	124	25.34	265.9	3.66	2.31	1482.
150	7.92	32.83	149	25.61	241.3	4.29	3.19	1482.
175	7.63	33.30	174	26.02	202.8	4.85	4.11	1482.
200	7.43	33.72	199	26.37	169.2	5.31	4.98	1482.
225	6.79	33.82	223	26.54	153.8	5.71	5.86	1480.
250	6.44	33.90	248	26.65	143.6	6.09	6.76	1479.
300	5.94	33.92	298	26.73	135.7	6.78	8.71	1478.
400	5.13	33.98	397	26.87	123.3	8.07	13.30	1477.
500	4.54	34.07	496	27.01	110.7	9.25	18.69	1476.
600	4.06	34.15	595	27.13	100.0	10.30	24.57	1476.
800	3.57	34.28	793	27.28	86.5	12.16	37.77	1477.
1000	3.22	34.35	990	27.37	78.4	13.79	52.68	1479.
1200	2.83	34.43	1188	27.47	69.9	15.26	69.20	1481.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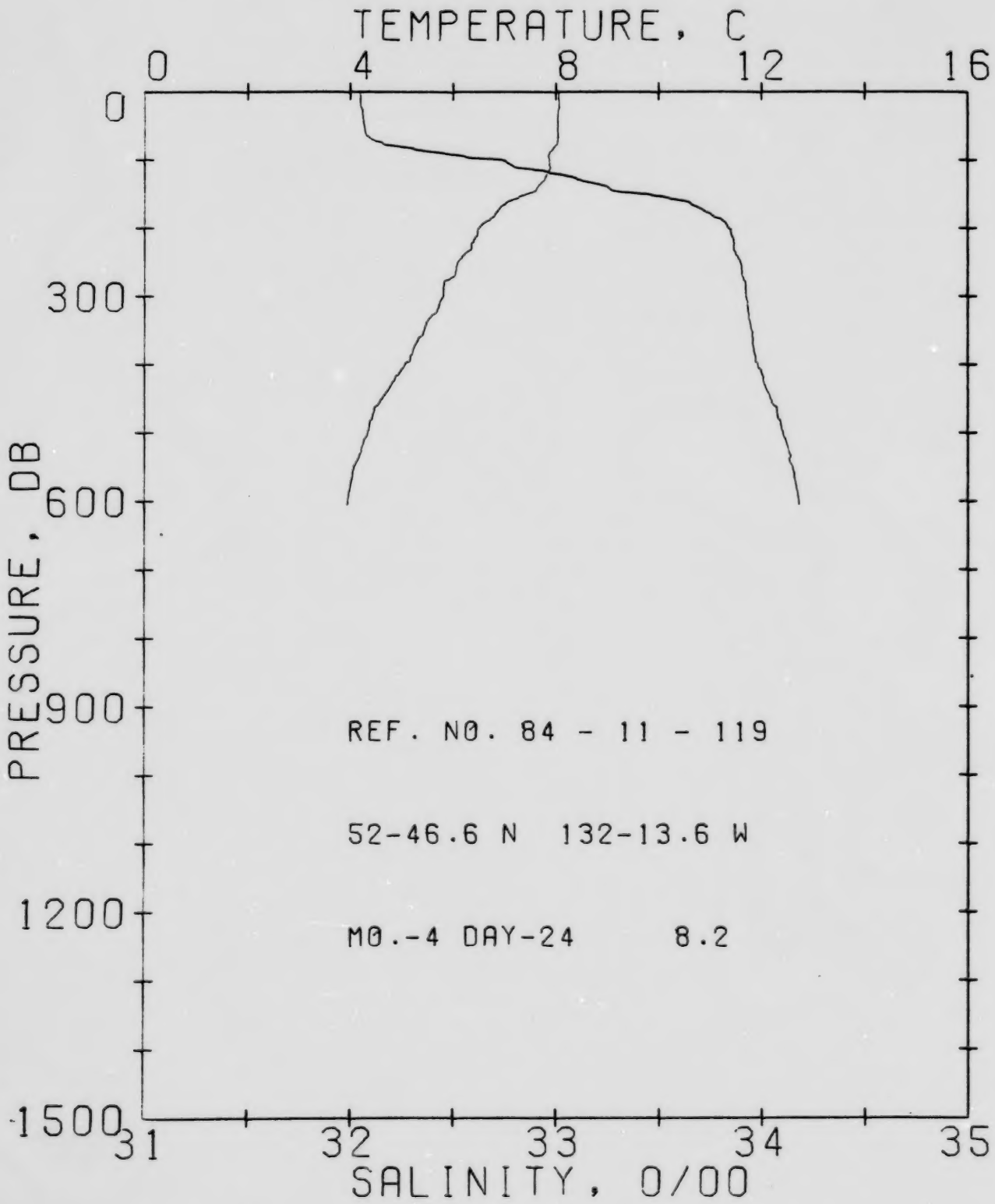
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 118
52-52.0 N 132-20.8 W
MO.-4 DAY-24 7.2
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-118 DATE 24/ 4/84
POSITION 52-52.0N, 132-20.8W GMT 7.2 STATION QC13
RESULTS OF STP CAST 686 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.12	32.12	0	25.02	294.4	.00	.00	1480.
10	8.13	32.13	10	25.03	294.4	.29	.01	1480.
20	8.15	32.14	20	25.03	293.8	.59	.06	1480.
30	8.14	32.15	30	25.04	293.4	.88	.13	1480.
50	8.10	32.15	50	25.05	292.6	1.47	.37	1480.
75	8.09	32.15	75	25.05	292.8	2.20	.84	1481.
100	8.13	32.18	99	25.07	291.4	2.93	1.49	1481.
125	7.99	32.43	124	25.28	272.0	3.64	2.31	1482.
150	7.56	32.97	149	25.76	226.2	4.25	3.15	1481.
175	7.07	33.35	174	26.14	191.1	4.78	4.03	1480.
200	6.37	33.74	199	26.53	154.0	5.21	4.85	1478.
225	5.92	33.87	223	26.69	138.9	5.58	5.64	1477.
250	5.71	33.91	248	26.75	133.6	5.92	6.46	1477.
300	5.40	33.95	298	26.82	127.0	6.57	8.29	1476.
400	4.74	34.03	397	26.96	114.8	7.78	12.60	1475.
500	4.35	34.10	496	27.06	106.1	8.89	17.68	1475.
600	4.03	34.16	595	27.13	99.1	9.91	23.42	1476.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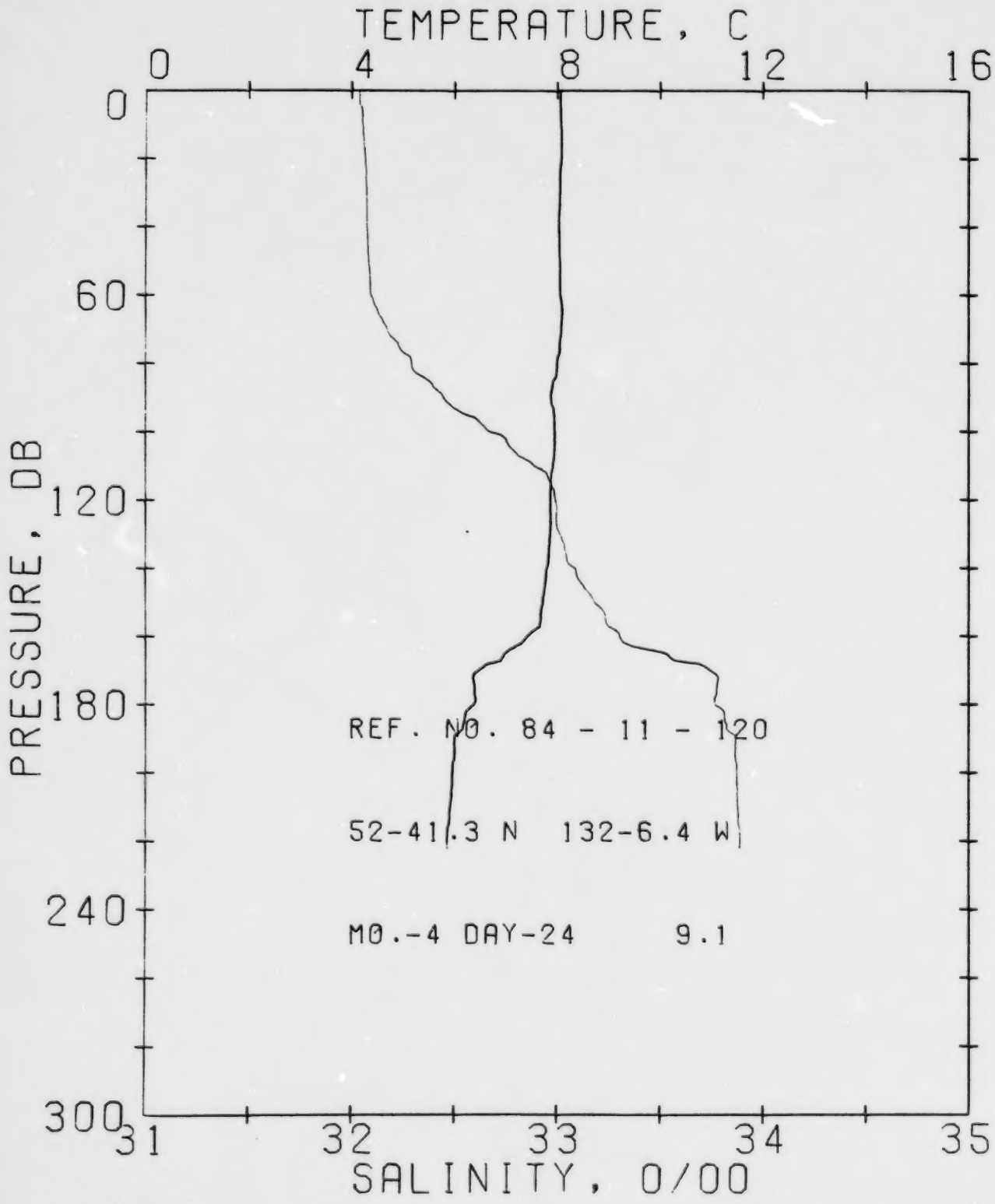
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 119
52-46.6 N 132-13.6 W
MO.-4 DAY-24 8.2
31
32
33
34
35
SALINITY, O/OO

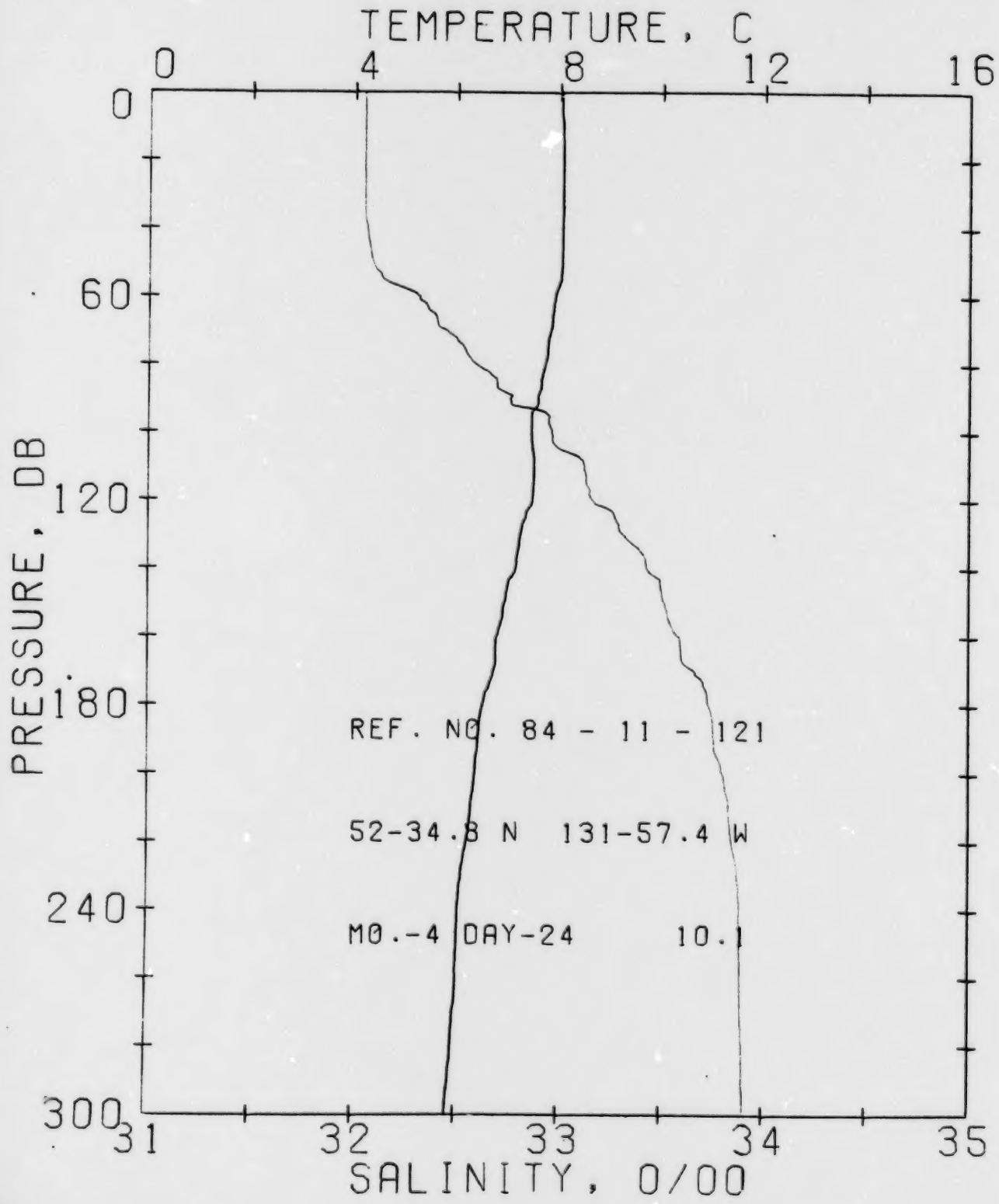
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-119 DATE 24/ 4/84
POSITION 52-46.6N, 132-13.6W GMT 8.2 STATION QC85
RESULTS OF STP CAST 607 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.06	32.05	0	24.98	298.8	.00	.00	1479.
10	8.06	32.05	10	24.98	299.0	.30	.02	1479.
20	8.07	32.05	20	24.98	299.3	.60	.06	1480.
30	8.04	32.06	30	24.99	298.3	.90	.14	1480.
50	8.04	32.07	50	24.99	298.0	1.49	.38	1480.
75	8.03	32.16	75	25.07	291.3	2.23	.85	1481.
100	7.88	32.75	99	25.55	246.1	2.92	1.46	1481.
125	7.80	33.09	124	25.83	220.1	3.51	2.13	1482.
150	7.45	33.45	149	26.16	188.9	4.03	2.86	1481.
175	6.86	33.73	174	26.46	160.5	4.45	3.57	1480.
200	6.51	33.84	199	26.60	147.8	4.84	4.30	1479.
225	6.36	33.87	223	26.64	144.3	5.20	5.09	1479.
250	6.09	33.90	248	26.69	138.9	5.56	5.95	1478.
300	5.81	33.92	298	26.75	134.2	6.24	7.86	1478.
400	5.06	33.98	397	26.89	121.8	7.52	12.42	1476.
500	4.33	34.11	496	27.06	105.4	8.65	17.58	1475.
600	3.94	34.18	595	27.16	96.3	9.65	23.18	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 120
52-41.3 N 132-6.4 W
MO.-4 DAY-24 9.1
31
32
33
34
35
SALINITY, O/OO

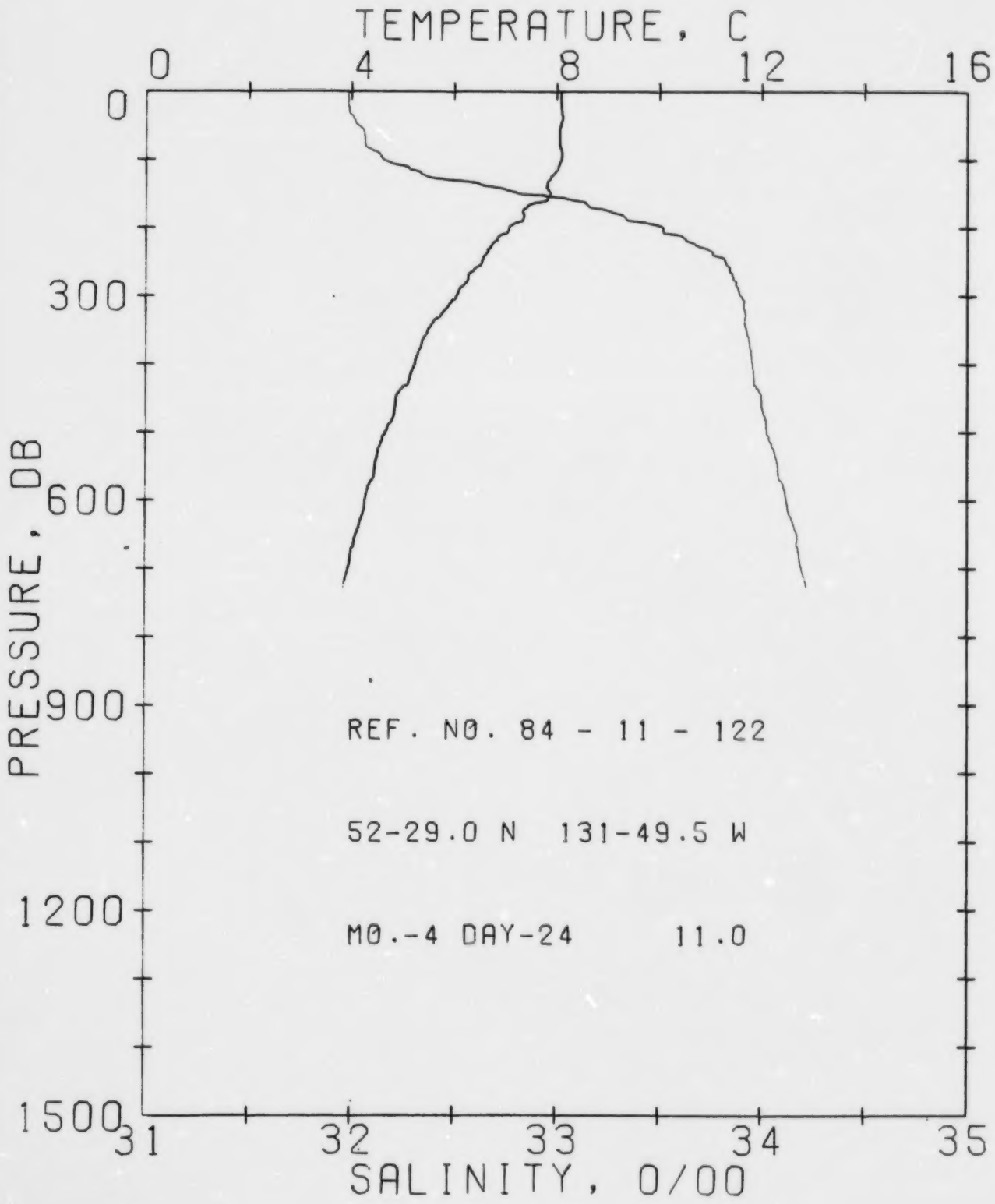
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-120 DATE 24/ 4/84
POSITION 52-41.3N, 132- 6.4W GMT 9.1 STATION QC86
RESULTS OF STP CAST 223 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.06	32.04	0	24.97	299.6	.00	.00	1479.
10	8.07	32.06	10	24.98	298.9	.30	.02	1480.
20	8.08	32.07	20	24.99	298.3	.60	.06	1480.
30	8.06	32.07	30	24.99	297.6	.90	.14	1480.
50	8.05	32.08	50	25.00	297.1	1.49	.38	1480.
75	8.06	32.23	75	25.12	286.5	2.23	.85	1481.
100	7.96	32.67	99	25.48	252.7	2.90	1.45	1481.
125	7.88	33.00	124	25.74	227.9	3.49	2.12	1482.
150	7.73	33.18	149	25.91	212.4	4.05	2.90	1482.
175	6.40	33.77	174	26.56	151.2	4.51	3.66	1478.
200	5.97	33.87	199	26.69	138.7	4.87	4.34	1477.
225	5.87	33.89	223	26.71	136.8	5.21	5.09	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 121
52-34.8 N 131-57.4 W
MO.-4 DAY-24 10.1
31
32
33
34
35
SALINITY, O/OO

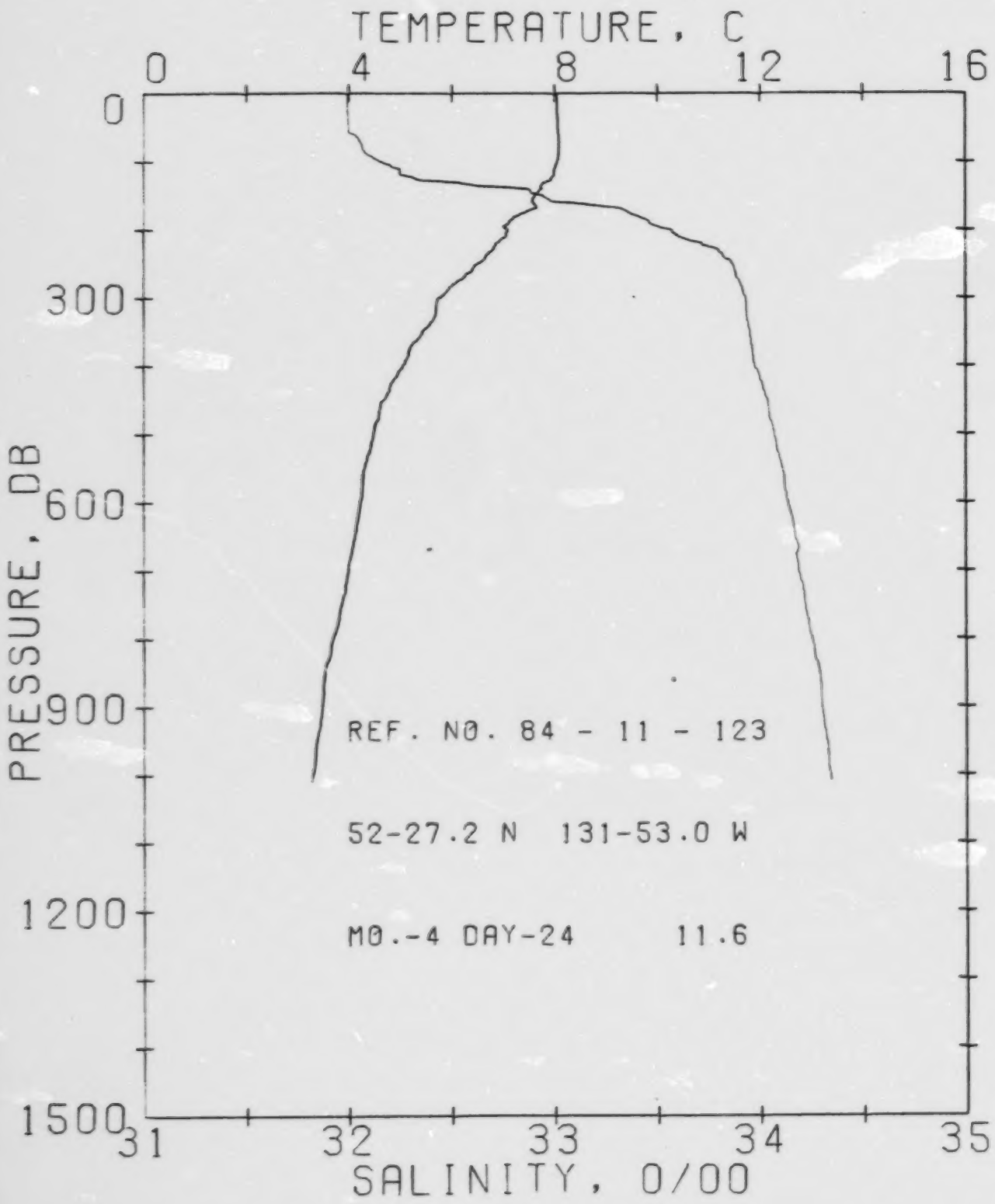
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-121 DATE 24/ 4/84
POSITION 52-34.8N, 131-57.4W GMT 10.1 STATION QC87
RESULTS OF STP CAST 358 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.03	32.05	0	24.98	298.6	.00	.00	1479.
10	8.05	32.05	10	24.98	299.2	.30	.02	1479.
20	8.07	32.05	20	24.97	299.6	.60	.06	1480.
30	8.06	32.05	30	24.97	299.6	.90	.14	1480.
50	8.05	32.09	50	25.01	296.5	1.49	.38	1480.
75	7.77	32.54	75	25.40	259.7	2.19	.82	1480.
100	7.46	32.96	99	25.78	224.3	2.79	1.36	1480.
125	7.35	33.27	124	26.03	200.2	3.33	1.97	1480.
150	6.95	33.52	149	26.28	177.1	3.80	2.62	1479.
175	6.64	33.71	174	26.48	158.7	4.22	3.32	1479.
200	6.39	33.80	199	26.58	149.0	4.60	4.06	1478.
225	6.17	33.86	223	26.66	142.2	4.97	4.85	1478.
250	6.05	33.89	248	26.69	139.4	5.32	5.69	1478.
300	5.83	33.91	298	26.73	135.7	6.01	7.62	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 122
52-29.0 N 131-49.5 W
MO.-4 DAY-24 11.0
31
32
33
34
35
SALINITY, O/OO

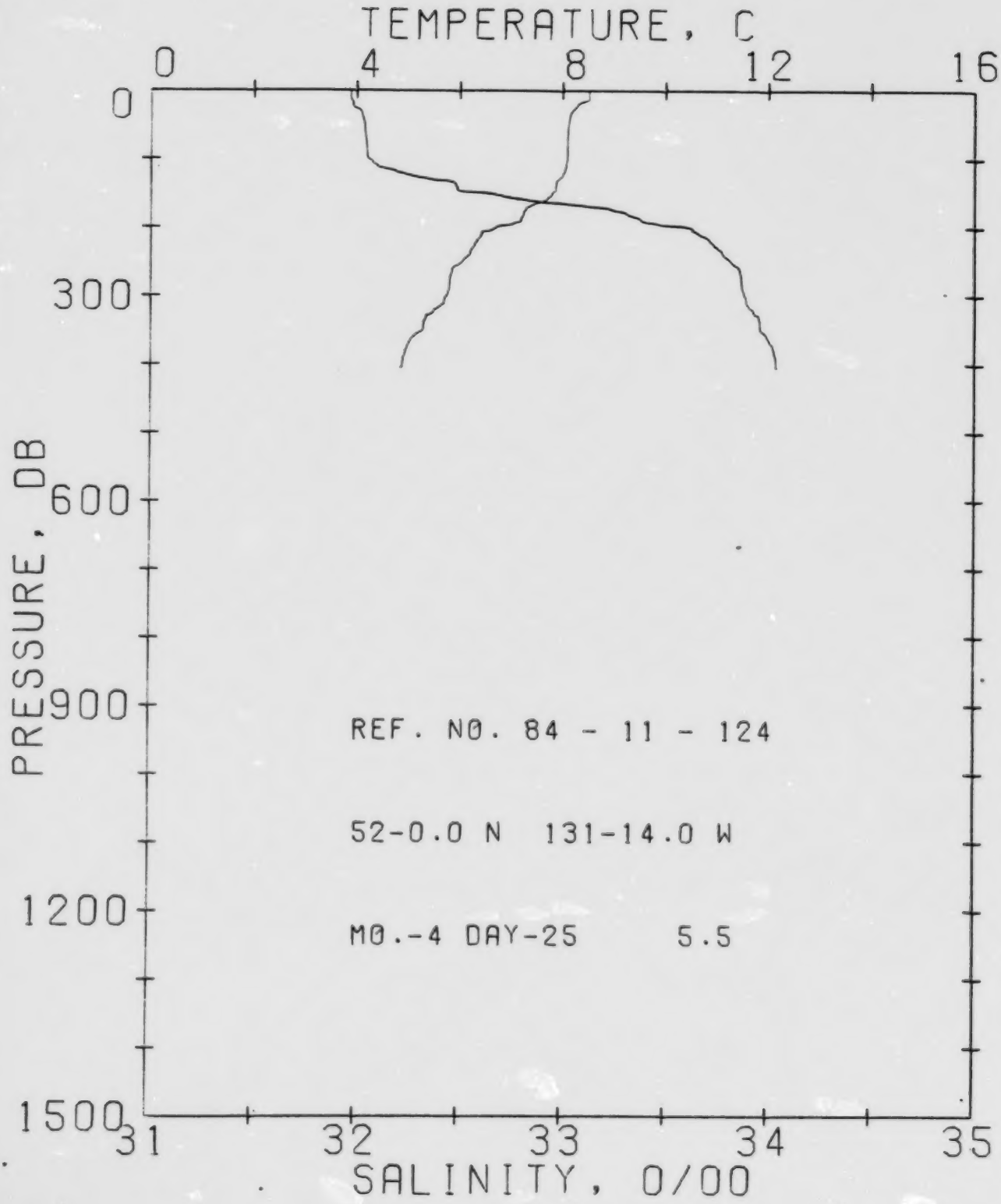
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-122 DATE 24/ 4/84
POSITION 52-29.0N, 131-49.5W GMT 11.0 STATION QC88
RESULTS OF STP CAST 728 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.08	31.99	0	24.92	304.0	.00	.00	1479.
10	8.08	31.99	10	24.92	304.2	.30	.02	1479.
20	8.08	31.99	20	24.92	304.2	.61	.06	1480.
30	8.09	31.99	30	24.92	304.4	.91	.14	1480.
50	8.07	32.04	50	24.96	300.8	1.52	.39	1480.
75	8.06	32.07	75	24.99	298.8	2.27	.86	1481.
100	8.10	32.16	99	25.06	292.7	3.01	1.52	1481.
125	7.90	32.38	124	25.25	274.2	3.71	2.33	1481.
150	7.88	32.82	149	25.60	241.5	4.35	3.22	1482.
175	7.34	33.26	174	26.02	201.9	4.89	4.12	1481.
200	7.08	33.52	199	26.27	179.2	5.37	5.03	1481.
225	6.75	33.69	223	26.44	162.8	5.80	5.96	1480.
250	6.56	33.82	248	26.57	150.7	6.19	6.90	1480.
300	6.06	33.90	298	26.70	139.1	6.91	8.92	1479.
400	5.24	33.95	397	26.84	126.2	8.22	13.59	1477.
500	4.67	34.02	496	26.96	115.3	9.43	19.10	1477.
600	4.27	34.12	595	27.08	104.4	10.52	25.22	1477.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 123
52-27.2 N 131-53.0 W
MO.-4 DAY-24 11.6
31
32
33
34
35
SALINITY, O/OO

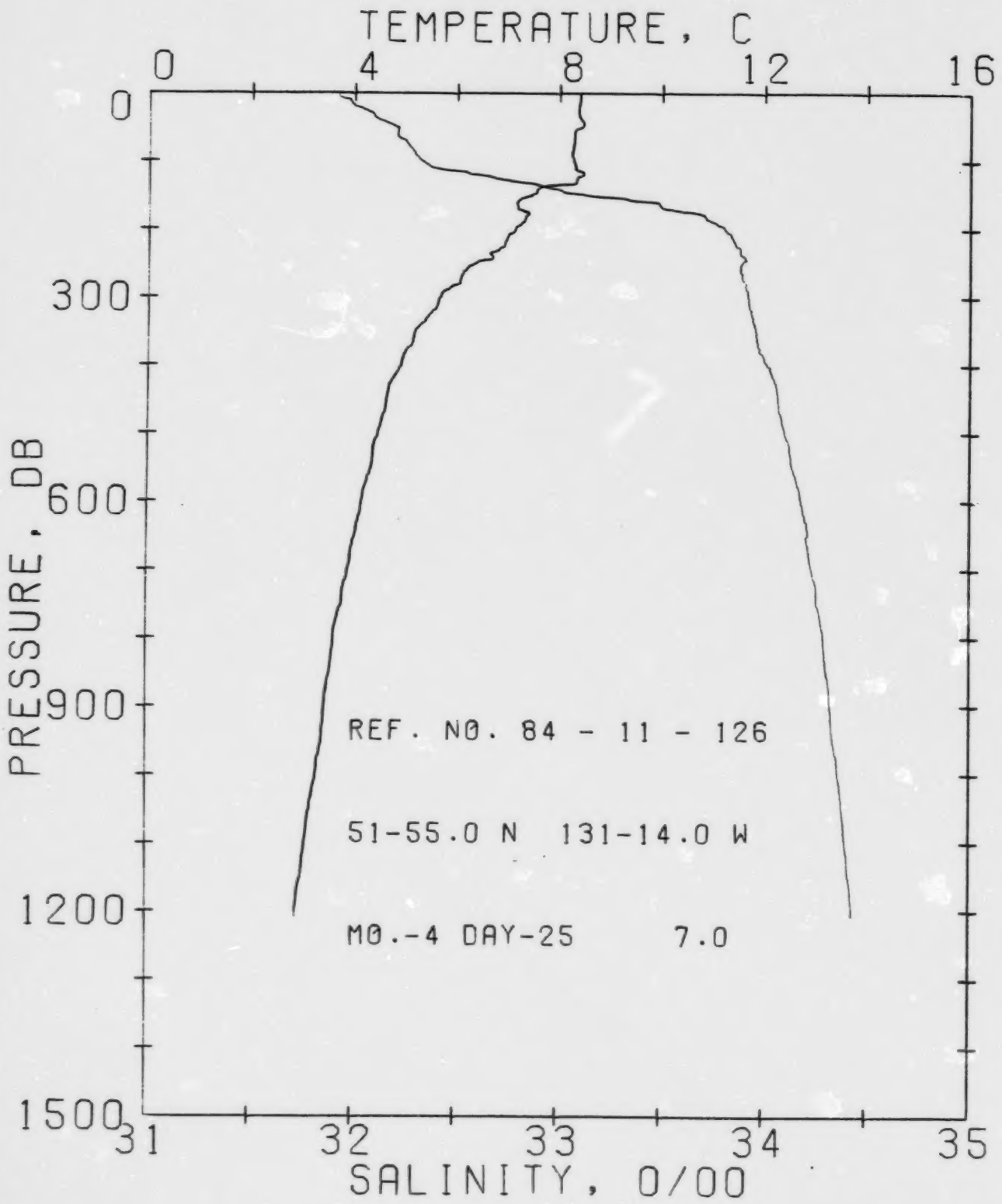
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-123 DATE 24/ 4/84
POSITION 52-27.2N, 131-53.0W GMT 11.6 STATION QC89
RESULTS OF STP CAST 1010 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.05	32.00	0	24.93	302.9	.00	.00	1479.
10	8.05	32.00	10	24.93	303.1	.30	.02	1479.
20	8.05	31.99	20	24.93	303.3	.61	.06	1480.
30	8.06	32.00	30	24.93	303.4	.91	.14	1480.
50	8.07	32.00	50	24.94	303.5	1.52	.39	1480.
75	8.09	32.07	75	24.98	299.3	2.27	.87	1481.
100	8.06	32.16	99	25.06	292.5	3.01	1.53	1481.
125	7.95	32.33	124	25.21	278.7	3.73	2.35	1481.
150	7.62	32.95	149	25.74	228.4	4.35	3.21	1481.
175	7.40	33.37	174	26.10	194.7	4.88	4.09	1481.
200	7.09	33.57	199	26.30	175.6	5.34	4.97	1481.
225	6.82	33.75	223	26.48	159.0	5.76	5.89	1480.
250	6.48	33.87	248	26.62	146.3	6.14	6.81	1480.
300	5.74	33.93	298	26.76	132.8	6.84	8.77	1477.
400	5.05	33.97	397	26.88	122.4	8.13	13.33	1476.
500	4.48	34.07	496	27.02	109.8	9.28	18.59	1476.
600	4.21	34.13	595	27.10	102.8	10.33	24.52	1476.
800	3.68	34.25	793	27.25	89.8	12.27	38.26	1478.
1000	3.28	34.34	990	27.36	80.1	13.95	53.71	1479.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 124
52-0.0 N 131-14.0 W
MO.-4 DAY-25 5.5
31
32
33
34
35
SALINITY, O/OO

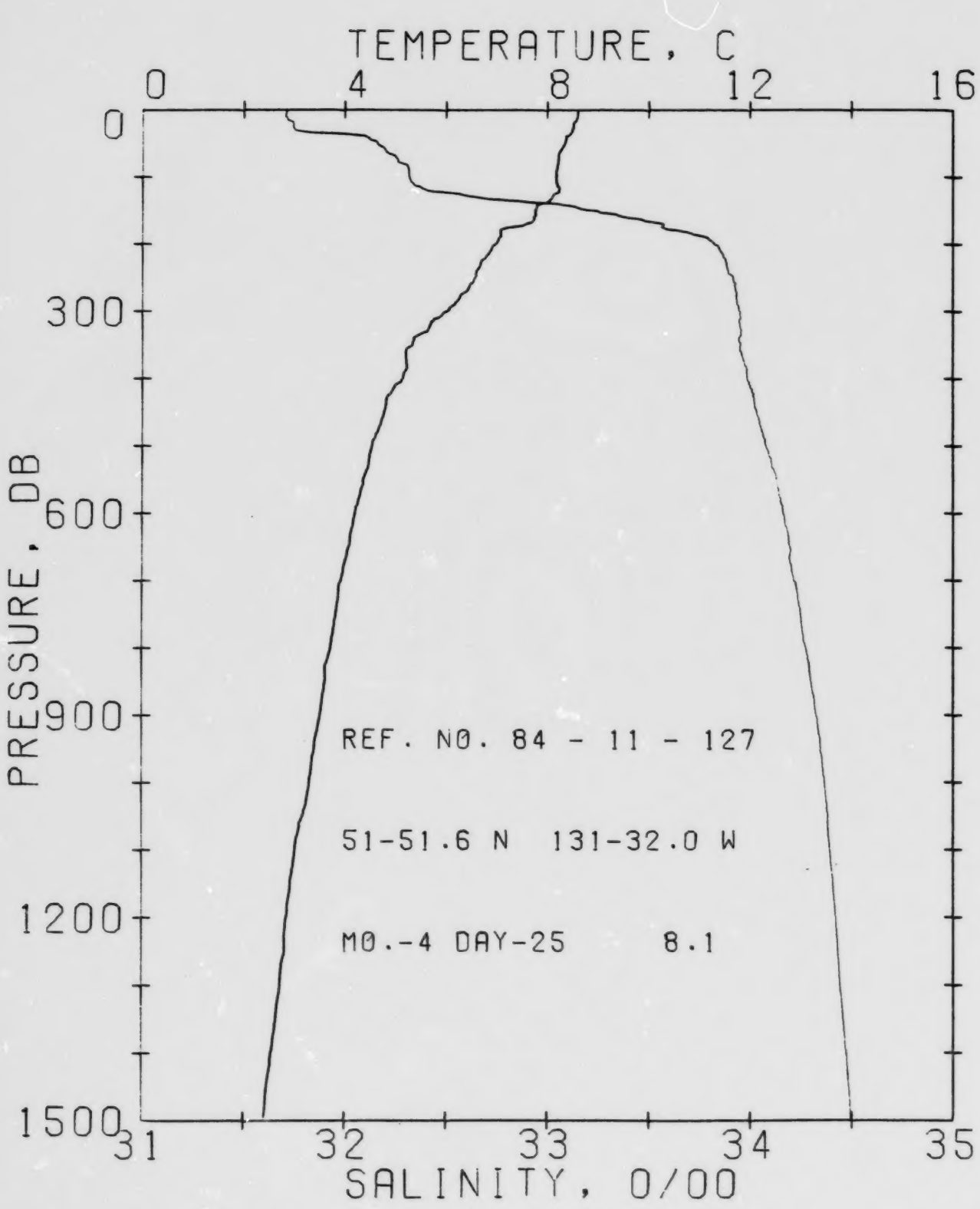
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-124 DATE 25/ 4/84
POSITION 52- .0N, 131-14.0W GMT 5.5 STATION J 1
RESULTS OF STP CAST 407 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.51	31.97	0	24.85	311.2	.00	.00	1481.
10	8.52	31.97	10	24.85	311.4	.31	.02	1481.
20	8.29	31.98	20	24.89	307.6	.62	.06	1480.
30	8.19	32.02	30	24.94	303.3	.93	.14	1480.
50	8.11	32.04	50	24.96	301.3	1.53	.39	1480.
75	8.09	32.05	75	24.97	300.7	2.28	.87	1481.
100	8.09	32.06	99	24.98	300.2	3.04	1.54	1481.
125	8.01	32.27	124	25.16	283.5	3.77	2.38	1481.
150	7.80	32.64	149	25.47	253.9	4.44	3.32	1482.
175	7.27	33.25	174	26.03	201.6	5.01	4.26	1481.
200	6.71	33.63	199	26.40	166.2	5.49	5.16	1479.
225	6.30	33.74	224	26.54	153.3	5.88	6.02	1478.
250	6.05	33.82	248	26.64	144.2	6.26	6.92	1478.
300	5.75	33.89	298	26.73	136.2	6.95	8.86	1477.
400	4.89	34.04	397	26.95	115.9	8.19	13.28	1476.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 126
51-55.0 N 131-14.0 W
MO.-4 DAY-25 7.0
31
32
33
34
35
SALINITY, O/OO

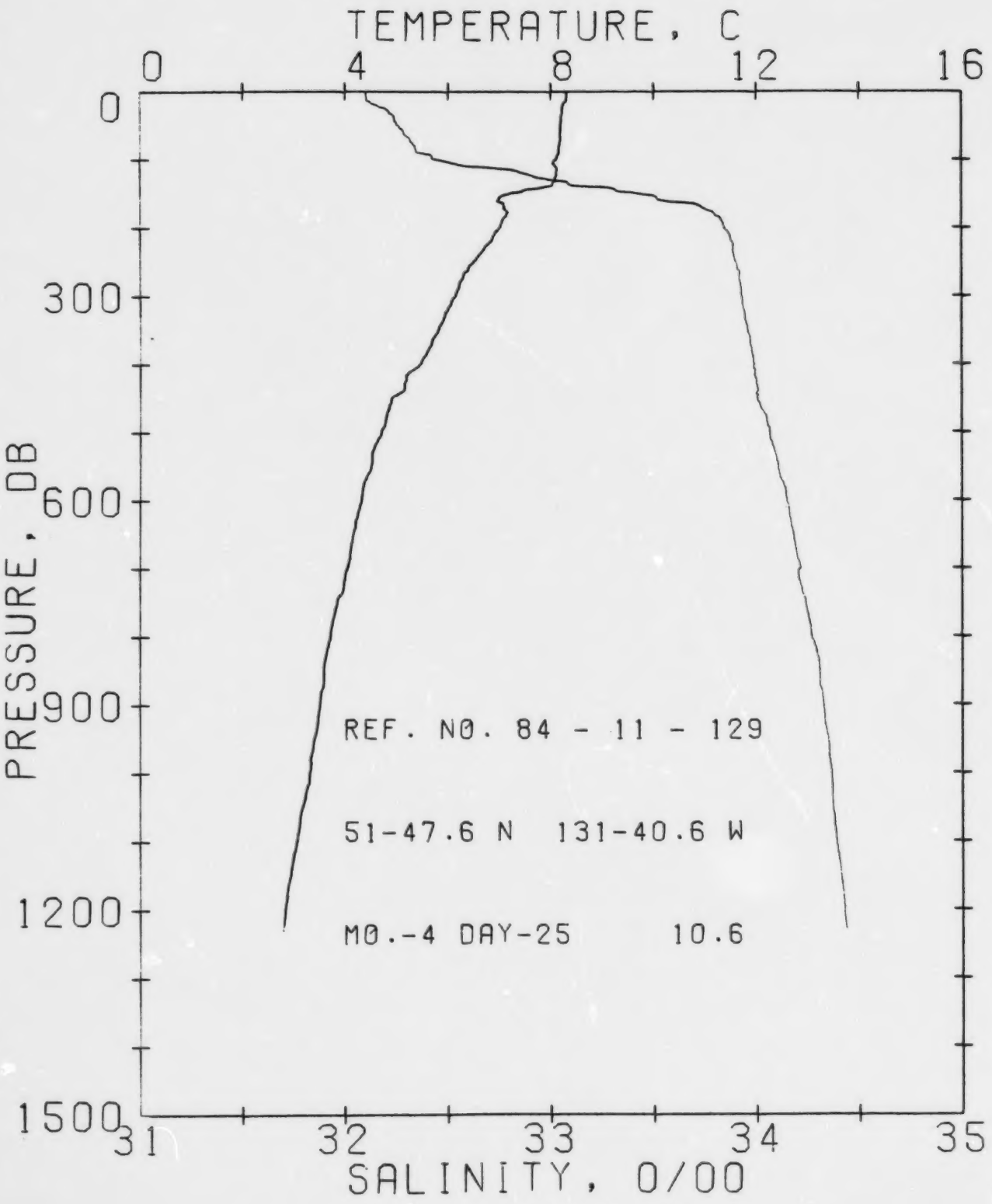
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-126 DATE 25/ 4/84
POSITION 51-55.0N, 131-14.0W GMT 7.0 STATION QC 2
RESULTS OF STP CAST 1208 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.40	31.92	0	24.83	313.2	.00	.00	1480.
10	8.39	31.98	10	24.87	308.9	.31	.02	1481.
20	8.38	32.00	20	24.89	307.6	.62	.06	1481.
30	8.37	32.09	30	24.96	300.8	.92	.14	1481.
50	8.45	32.20	50	25.04	293.7	1.52	.38	1482.
75	8.28	32.26	75	25.11	287.7	2.25	.85	1482.
100	8.27	32.33	99	25.16	282.6	2.96	1.48	1482.
125	8.34	32.69	124	25.44	257.1	3.64	2.26	1483.
150	7.45	33.14	149	25.92	211.7	4.22	3.08	1481.
175	7.40	33.67	174	26.34	172.4	4.69	3.85	1482.
200	7.15	33.81	199	26.48	159.0	5.10	4.63	1481.
225	6.93	33.87	223	26.56	152.0	5.49	5.47	1481.
250	6.37	33.88	248	26.65	143.6	5.86	6.36	1479.
300	5.68	33.92	298	26.76	132.7	6.55	8.30	1477.
400	4.94	34.02	397	26.93	118.0	7.81	12.76	1476.
500	4.48	34.10	496	27.04	107.5	8.92	17.88	1476.
600	4.17	34.18	595	27.14	98.9	9.95	23.65	1476.
800	3.63	34.29	793	27.28	86.4	11.80	36.82	1477.
1000	3.30	34.36	990	27.37	78.8	13.46	51.96	1479.
1200	2.91	34.43	1188	27.46	70.3	14.94	68.58	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 127
51-51.6 N 131-32.0 W
MO.-4 DAY-25 8.1
31
32
33
34
35
SALINITY, O/OO

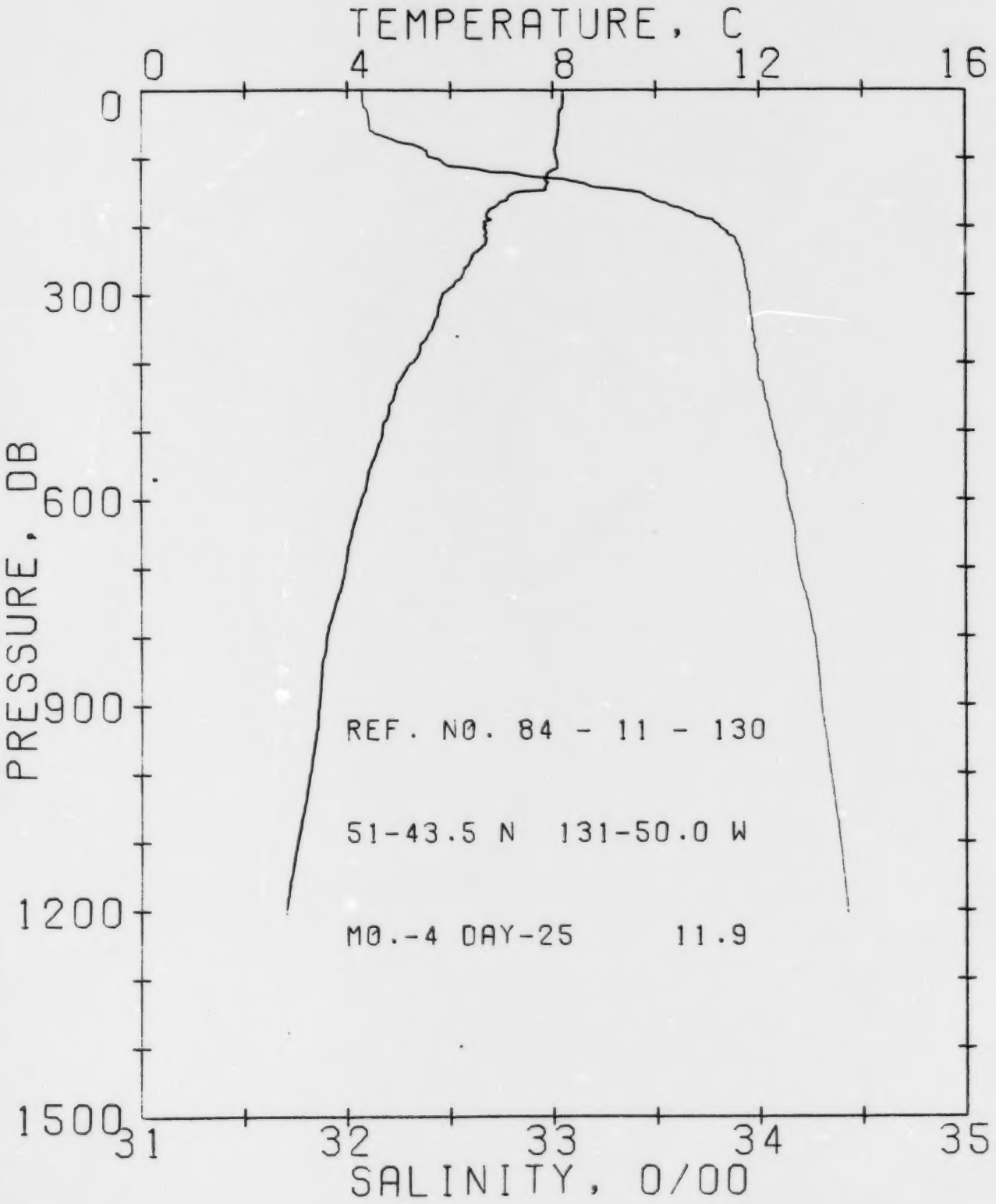
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-127 DATE 25/ 4/84
POSITION 51-51.6N, 131-32.0W GMT 8.1 STATION J 2
RESULTS OF STP CAST 1501 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.61	31.71	0	24.63	331.8	.00	.00	1481.
10	8.61	31.71	10	24.63	332.3	.33	.02	1481.
20	8.53	31.75	20	24.67	328.3	.66	.07	1481.
30	8.51	31.76	30	24.68	327.5	.99	.15	1481.
50	8.35	32.16	50	25.02	295.3	1.60	.40	1481.
75	8.23	32.26	75	25.12	286.4	2.33	.86	1481.
100	8.18	32.32	99	25.17	282.0	3.03	1.49	1482.
125	8.14	32.57	124	25.37	263.1	3.73	2.29	1482.
150	7.77	33.25	149	25.95	208.2	4.32	3.11	1482.
175	7.23	33.56	174	26.28	177.8	4.80	3.91	1481.
200	6.99	33.83	199	26.52	155.2	5.21	4.68	1481.
225	6.71	33.88	223	26.60	147.8	5.59	5.50	1480.
250	6.58	33.92	248	26.65	143.6	5.95	6.39	1480.
300	6.02	33.95	298	26.74	134.8	6.65	8.34	1479.
400	5.14	33.99	397	26.88	122.5	7.92	12.87	1477.
500	4.54	34.08	496	27.02	109.6	9.08	18.15	1476.
600	4.20	34.16	595	27.12	100.6	10.12	24.01	1476.
800	3.72	34.27	793	27.26	88.5	12.01	37.41	1478.
1000	3.30	34.37	990	27.37	78.5	13.67	52.62	1479.
1200	2.84	34.42	1188	27.46	70.4	15.15	69.22	1481.
1500	2.41	34.50	1484	27.56	61.7	17.14	96.47	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 129
51-47.6 N 131-40.6 W
MO.-4 DAY-25 10.6
31
32
33
34
35
SALINITY, O/OO

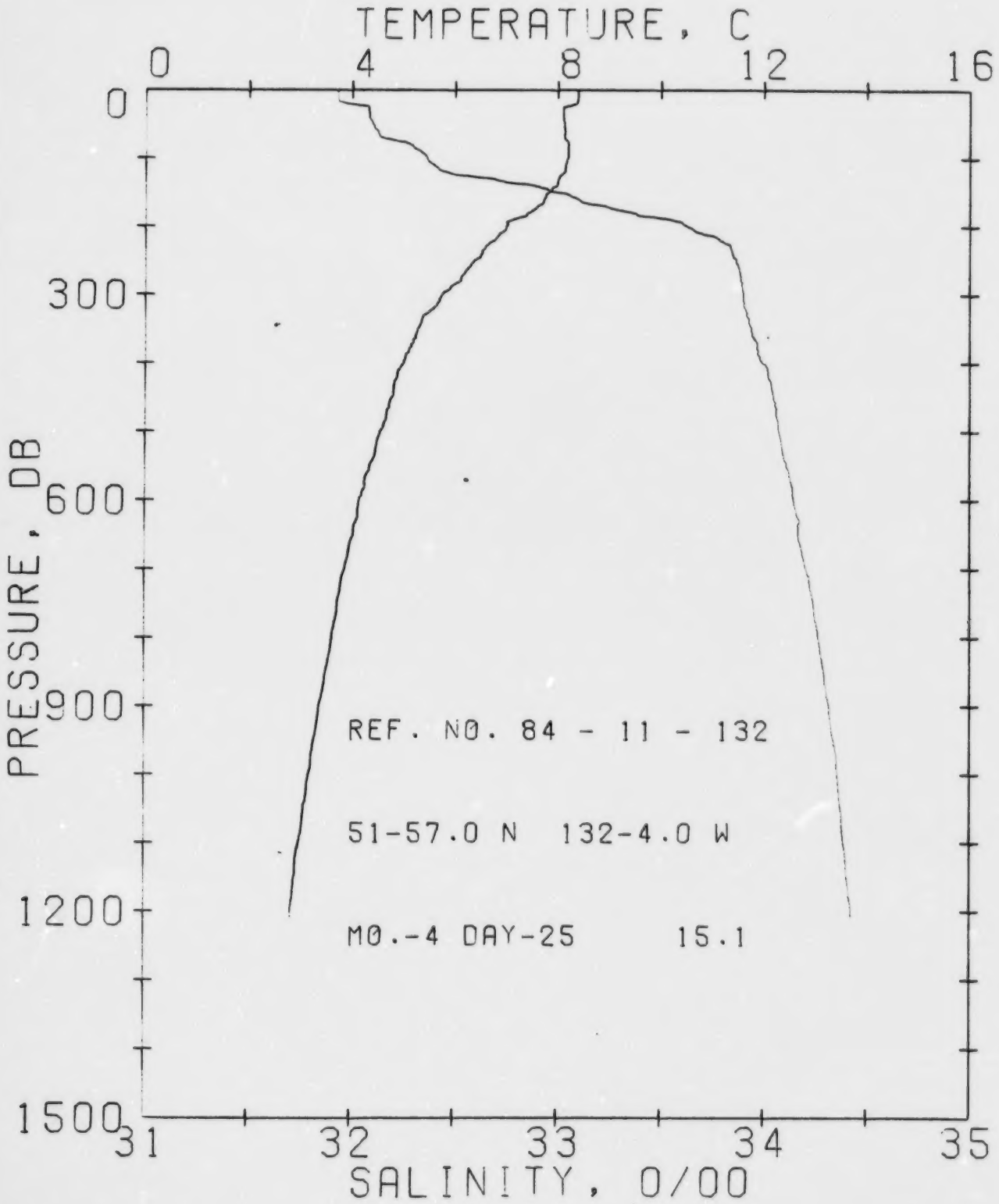
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-129 DATE 25/ 4/84
POSITION 51-47.6N, 131-40.6W GMT 10.6 STATION QC 1
RESULTS OF STP CAST 1230 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.31	32.10	0	24.98	298.5	.00	.00	1480.
10	8.32	32.11	10	24.98	298.5	.30	.02	1481.
20	8.23	32.16	20	25.03	293.8	.60	.06	1480.
30	8.24	32.22	30	25.08	289.4	.89	.13	1481.
50	8.19	32.26	50	25.12	285.8	1.46	.37	1481.
75	8.19	32.33	75	25.18	281.1	2.17	.82	1481.
100	8.07	32.46	99	25.29	270.5	2.86	1.44	1482.
125	8.09	32.93	124	25.66	236.1	3.49	2.16	1483.
150	7.16	33.44	149	26.19	185.5	4.03	2.91	1480.
175	7.17	33.78	174	26.46	160.8	4.45	3.61	1481.
200	7.00	33.85	199	26.53	154.0	4.85	4.36	1481.
225	6.75	33.89	223	26.60	147.8	5.22	5.17	1480.
250	6.50	33.90	248	26.64	144.0	5.59	6.06	1480.
300	6.15	33.93	298	26.71	138.2	6.29	8.02	1479.
400	5.46	33.99	397	26.85	125.8	7.61	12.72	1478.
500	4.70	34.07	496	26.99	112.4	8.80	18.16	1477.
600	4.31	34.15	595	27.10	102.8	9.87	24.17	1477.
800	3.69	34.27	793	27.26	88.5	11.79	37.78	1478.
1000	3.29	34.37	990	27.37	78.3	13.45	52.96	1479.
1200	2.82	34.43	1188	27.47	69.9	14.93	69.58	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 130
51-43.5 N 131-50.0 W
MO.-4 DAY-25 11.9
31
32
33
34
35
SALINITY, O/OO

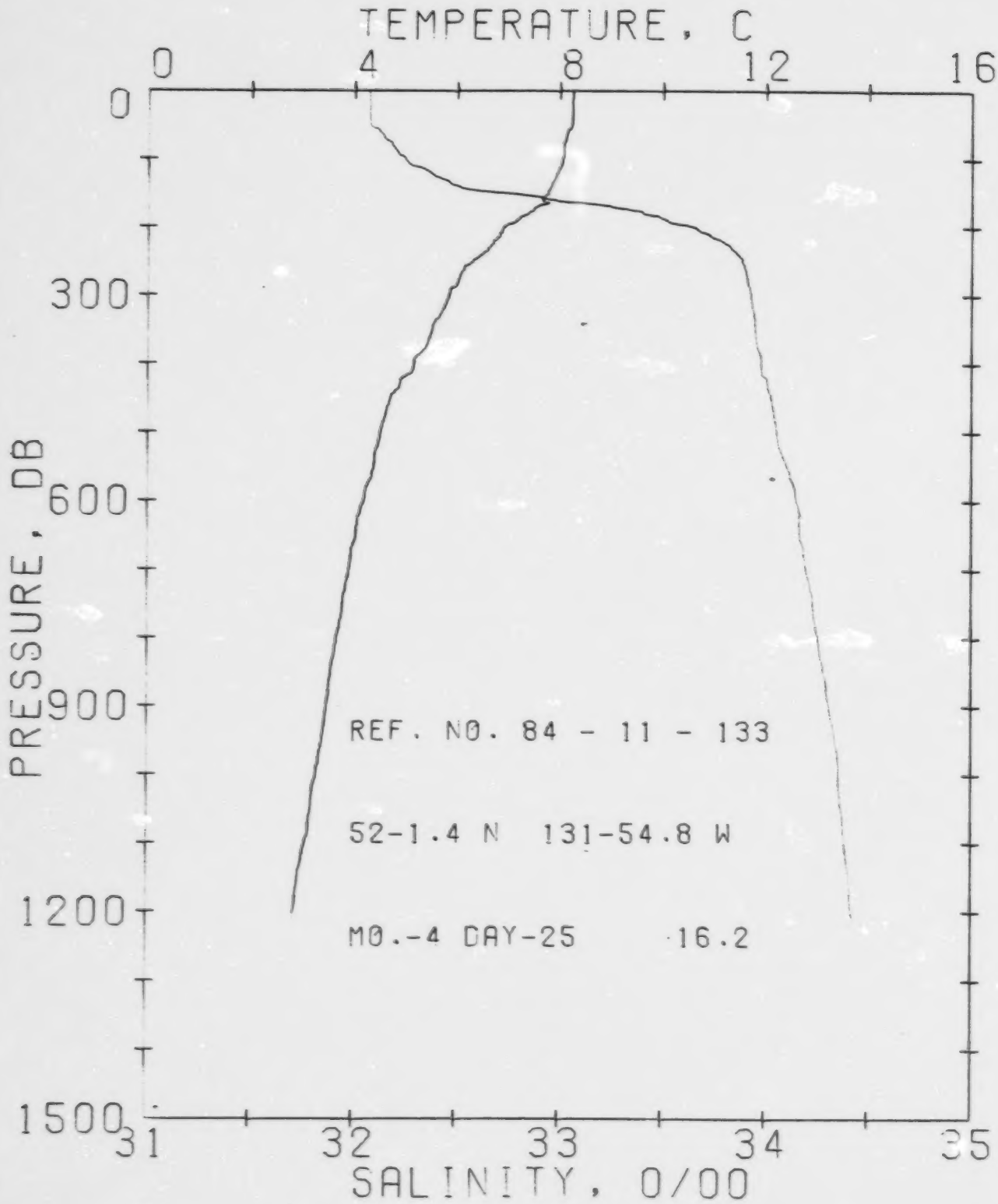
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-130 DATE 25/ 4/84
POSITION 51-43.5N, 131-50.0W GMT 11.9 STATION J 3
RESULTS OF STP CAST 1205 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.21	32.07	0	24.97	299.3	.00	.00	1480.
10	8.21	32.07	10	24.97	299.3	.30	.02	1480.
20	8.21	32.08	20	24.98	299.2	.60	.06	1480.
30	8.14	32.10	30	25.00	296.9	.90	.14	1480.
50	8.13	32.11	50	25.01	296.3	1.49	.38	1480.
75	8.08	32.25	75	25.13	285.7	2.22	.84	1481.
100	8.08	32.44	99	25.28	271.5	2.91	1.46	1482.
125	7.90	32.87	124	25.64	237.4	3.56	2.20	1482.
150	7.24	33.44	149	26.18	186.7	4.10	2.95	1480.
175	6.77	33.64	174	26.40	165.9	4.54	3.68	1479.
200	6.67	33.82	199	26.55	151.9	4.94	4.44	1479.
225	6.70	33.90	223	26.61	146.6	5.31	5.24	1480.
250	6.40	33.93	248	26.68	140.7	5.67	6.11	1479.
300	5.85	33.95	298	26.77	132.4	6.35	8.03	1478.
400	5.22	33.99	397	26.87	123.3	7.64	12.61	1477.
500	4.68	34.07	496	27.00	112.0	8.81	17.97	1477.
600	4.27	34.14	595	27.10	103.1	9.88	23.97	1477.
800	3.58	34.27	793	27.27	87.3	11.79	37.55	1477.
1000	3.26	34.35	990	27.36	79.5	13.47	52.90	1479.
1200	2.80	34.43	1188	27.47	69.4	14.95	69.52	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 132
51-57.0 N 132-4.0 W
MO.-4 DAY-25 15.1
31
32
33
34
35
SALINITY, O/OO

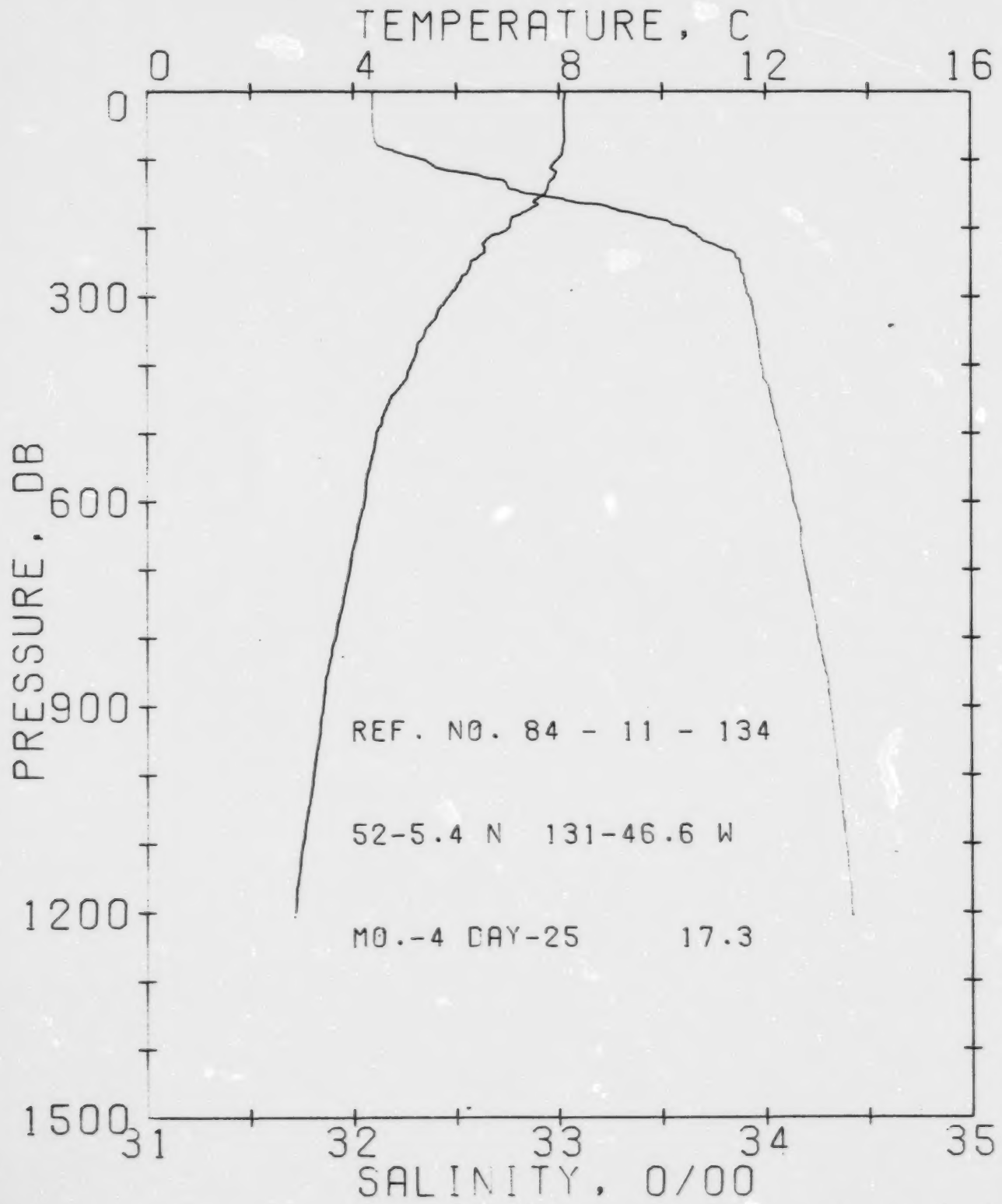
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-132 DATE 25/ 4/84
POSITION 51-57.0N, 132- 4.0W GMT 15.1 STATION QC94
RESULTS OF STP CAST 1208 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.40	31.93	0	24.84	312.3	.00	.00	1480.
10	8.40	31.93	10	24.83	312.5	.31	.02	1481.
20	8.36	32.00	20	24.89	307.0	.62	.06	1481.
30	8.11	32.08	30	25.00	297.5	.92	.14	1480.
50	8.12	32.10	50	25.01	296.7	1.52	.38	1480.
75	8.20	32.24	75	25.11	287.8	2.25	.85	1481.
100	8.19	32.37	99	25.21	278.7	2.96	1.48	1482.
125	8.06	32.53	124	25.35	265.0	3.65	2.26	1482.
150	7.81	33.01	149	25.76	226.7	4.25	3.11	1482.
175	7.55	33.29	174	26.02	202.4	4.79	4.01	1482.
200	7.00	33.63	199	26.37	169.7	5.25	4.88	1481.
225	6.67	33.82	223	26.56	151.7	5.65	5.75	1480.
250	6.38	33.87	248	26.63	144.8	6.02	6.64	1479.
300	5.77	33.90	298	26.74	135.3	6.72	8.61	1478.
400	5.02	34.00	397	26.90	120.3	8.00	13.15	1476.
500	4.56	34.08	496	27.02	110.1	9.14	18.38	1476.
600	4.16	34.15	595	27.11	101.2	10.20	24.30	1476.
800	3.63	34.27	793	27.26	88.1	12.09	37.73	1477.
1000	3.18	34.36	990	27.38	77.5	13.74	52.83	1479.
1200	2.84	34.42	1188	27.46	70.2	15.22	69.36	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 133
52-1.4 N 131-54.8 W
MO.-4 DAY-25 16.2
31
32
33
34
35
SALINITY, O/OO

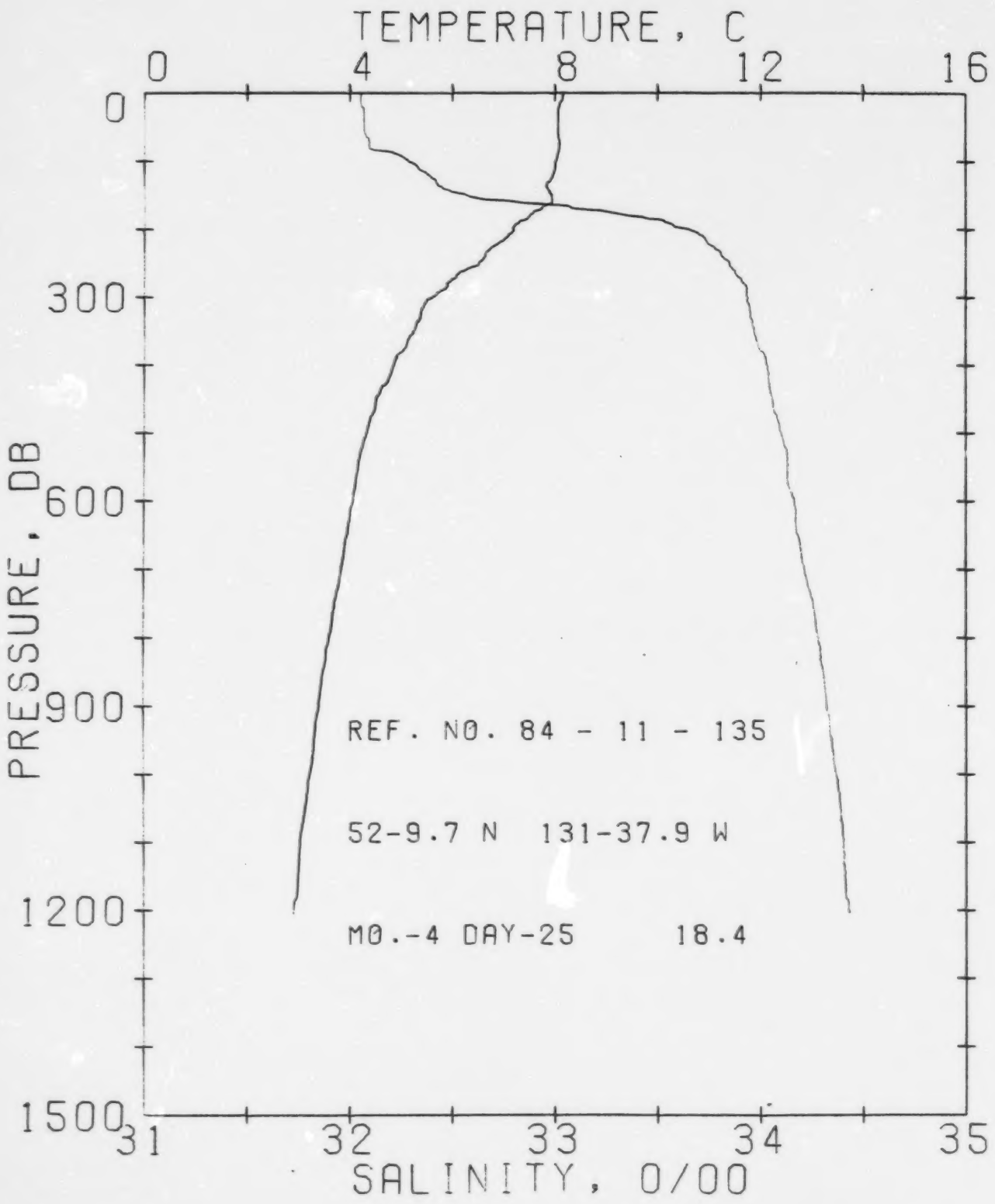
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-133 DATE 25/ 4/84
POSITION 52- 1.4N, 131-54.8W GMT 16.2 STATION QC 7
RESULTS OF STP CAST 1209 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.25	32.07	0	24.97	299.9	.00	.00	1480.
10	8.25	32.07	10	24.97	299.9	.30	.02	1480.
20	8.24	32.07	20	24.97	300.0	.60	.06	1480.
30	8.24	32.07	30	24.97	300.1	.90	.14	1481.
50	8.24	32.08	50	24.97	300.2	1.50	.38	1481.
75	8.08	32.18	75	25.08	290.5	2.24	.85	1481.
100	8.06	32.25	99	25.13	285.4	2.96	1.50	1481.
125	7.93	32.39	124	25.26	273.5	3.66	2.30	1481.
150	7.79	32.75	149	25.56	245.7	4.32	3.22	1482.
175	7.49	33.36	174	26.08	196.2	4.87	4.13	1482.
200	6.91	33.66	199	26.40	166.7	5.33	5.00	1480.
225	6.70	33.82	224	26.55	152.3	5.73	5.86	1480.
250	6.33	33.88	248	26.65	143.2	6.09	6.76	1479.
300	5.85	33.93	298	26.75	134.4	6.78	8.69	1478.
400	5.18	33.98	397	26.87	123.8	8.08	13.30	1477.
500	4.52	34.06	496	27.00	111.2	9.25	18.63	1476.
600	4.20	34.15	595	27.11	101.6	10.31	24.59	1476.
800	3.67	34.26	793	27.25	89.2	12.22	38.16	1478.
1000	3.28	34.36	990	27.37	78.8	13.89	53.49	1479.
1200	2.86	34.42	1188	27.46	70.8	15.39	70.24	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 134
52-5.4 N 131-46.6 W
MO.-4 DAY-25 17.3
31
32
33
34
35
SALINITY, O/OO

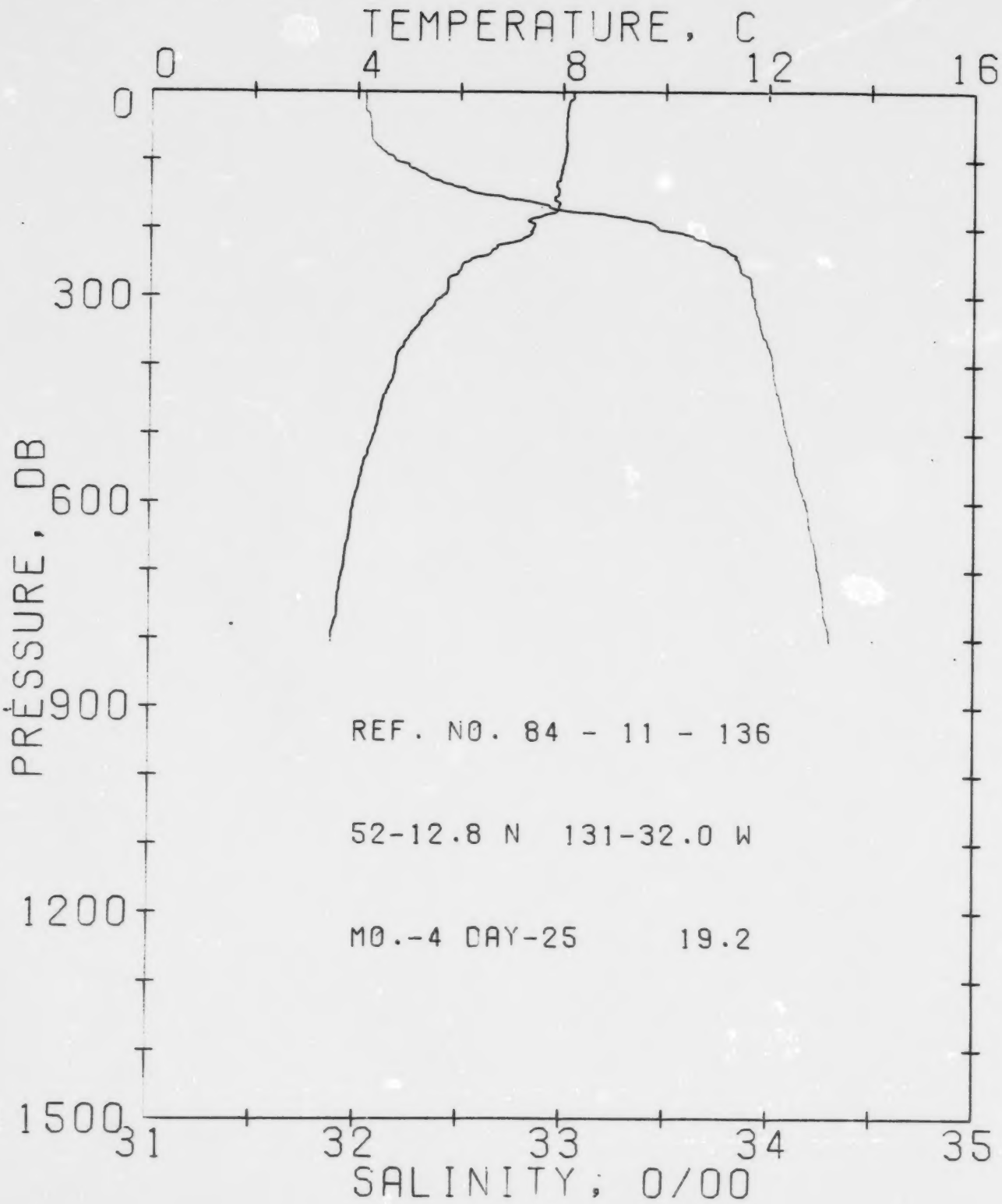
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-134 DATE 25/ 4/84
POSITION 52- 5.4N, 131-46.6W GMT 17.3 STATION QC 6
RESULTS OF STP CAST 1207 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.12	32.10	0	25.00	296.3	.00	.00	1480.
10	8.11	32.10	10	25.01	296.2	.30	.02	1480.
20	8.10	32.10	20	25.01	296.3	.59	.06	1480.
30	8.10	32.10	30	25.01	296.4	.89	.14	1480.
50	8.10	32.10	50	25.01	296.7	1.48	.38	1480.
75	8.10	32.11	75	25.02	295.9	2.22	.85	1481.
100	7.95	32.36	99	25.23	276.2	2.94	1.49	1481.
125	7.92	32.63	124	25.45	255.7	3.61	2.26	1482.
150	7.71	32.87	149	25.66	235.7	4.23	3.12	1481.
175	7.36	33.31	174	26.06	198.6	4.77	4.01	1481.
200	7.02	33.63	199	26.36	170.7	5.22	4.88	1481.
225	6.54	33.76	223	26.53	154.3	5.63	5.76	1479.
250	6.29	33.88	248	26.65	142.9	6.00	6.65	1479.
300	5.85	33.92	298	26.74	134.7	6.69	8.60	1478.
400	5.12	33.98	397	26.88	122.5	7.97	13.15	1477.
500	4.45	34.07	496	27.03	109.1	9.13	18.44	1476.
600	4.22	34.14	595	27.10	102.6	10.19	24.36	1476.
800	3.66	34.26	793	27.25	89.1	12.10	37.94	1478.
1000	3.22	34.36	990	27.37	78.3	13.75	53.11	1479.
1200	2.86	34.42	1188	27.46	70.7	15.24	69.73	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 135
52-9.7 N 131-37.9 W
MO.-4 DAY-25 18.4
31
32
33
34
35
SALINITY, O/OO

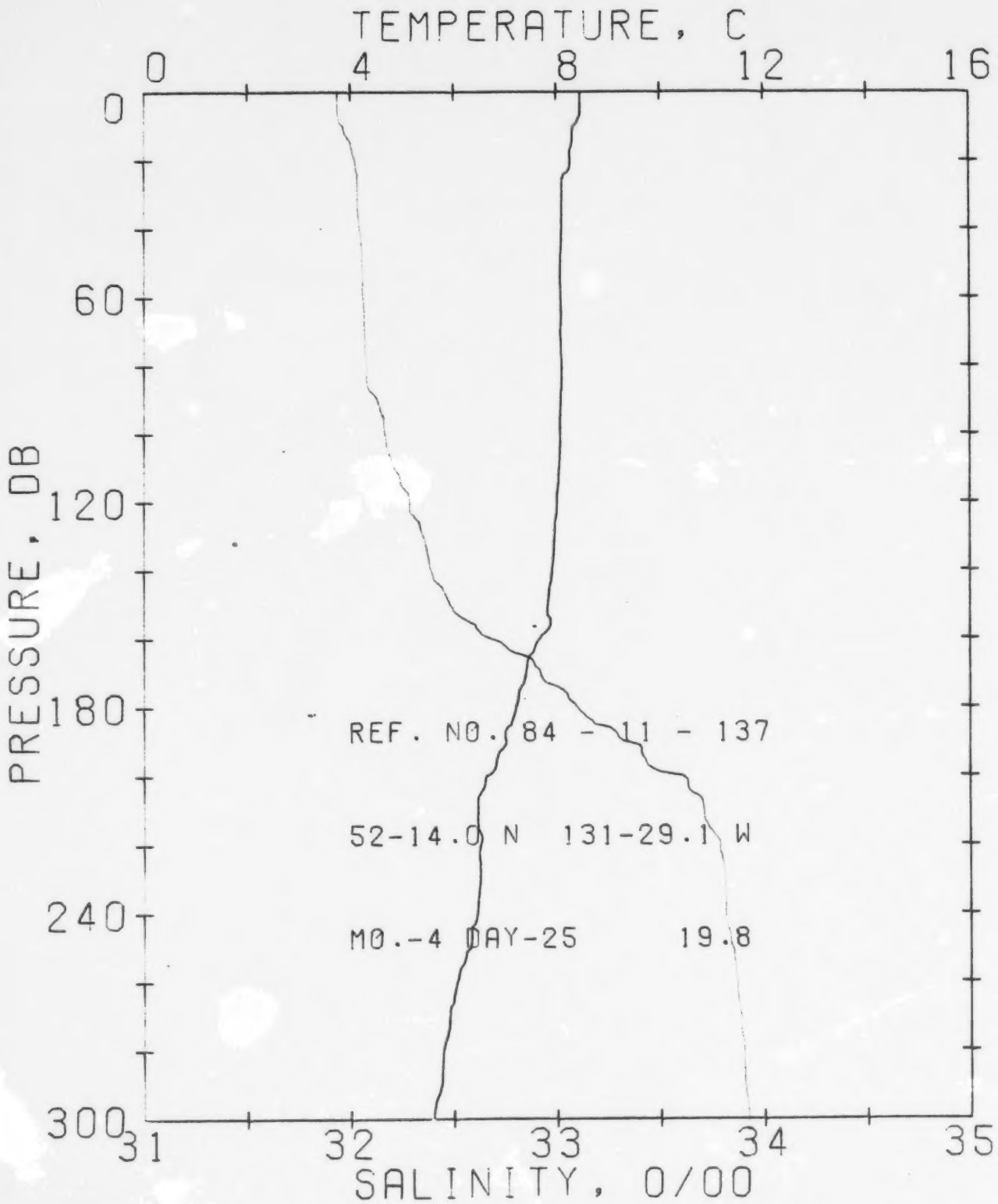
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-135 DATE 25/ 4/84
POSITION 52- 9.7N, 131-37.9W GMT 18.4 STATION QC 5
RESULTS OF STP CAST 1205 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.17	32.06	0	24.97	300.0	.00	.00	1480.
10	8.15	32.06	10	24.97	299.9	.30	.02	1480.
20	8.08	32.06	20	24.98	299.1	.60	.06	1480.
30	8.07	32.07	30	24.99	298.0	.90	.14	1480.
50	8.07	32.07	50	24.99	298.2	1.49	.38	1480.
75	8.09	32.10	75	25.01	297.0	2.24	.85	1481.
100	8.01	32.29	99	25.17	281.9	2.96	1.50	1481.
125	7.94	32.41	124	25.27	272.6	3.65	2.29	1481.
150	7.94	32.58	149	25.41	260.2	4.32	3.23	1482.
175	7.58	33.28	174	26.00	203.8	4.91	4.19	1482.
200	7.22	33.66	199	26.35	171.0	5.37	5.07	1481.
225	6.79	33.77	224	26.50	157.1	5.78	5.96	1480.
250	6.53	33.85	248	26.60	147.9	6.16	6.88	1480.
300	5.59	33.94	298	26.79	130.3	6.85	8.81	1477.
400	4.85	34.03	397	26.95	115.7	8.08	13.20	1476.
500	4.32	34.10	496	27.06	105.4	9.19	18.27	1475.
600	4.06	34.17	595	27.14	98.7	10.21	23.98	1476.
800	3.59	34.28	793	27.28	86.3	12.07	37.20	1477.
1000	3.22	34.37	990	27.38	77.3	13.71	52.19	1479.
1200	2.91	34.43	1188	27.46	70.6	15.18	68.72	1481.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 136
52-12.8 N 131-32.0 W
MO.-4 DAY-25 19.2
31
32
33
34
35
SALINITY, O/OO

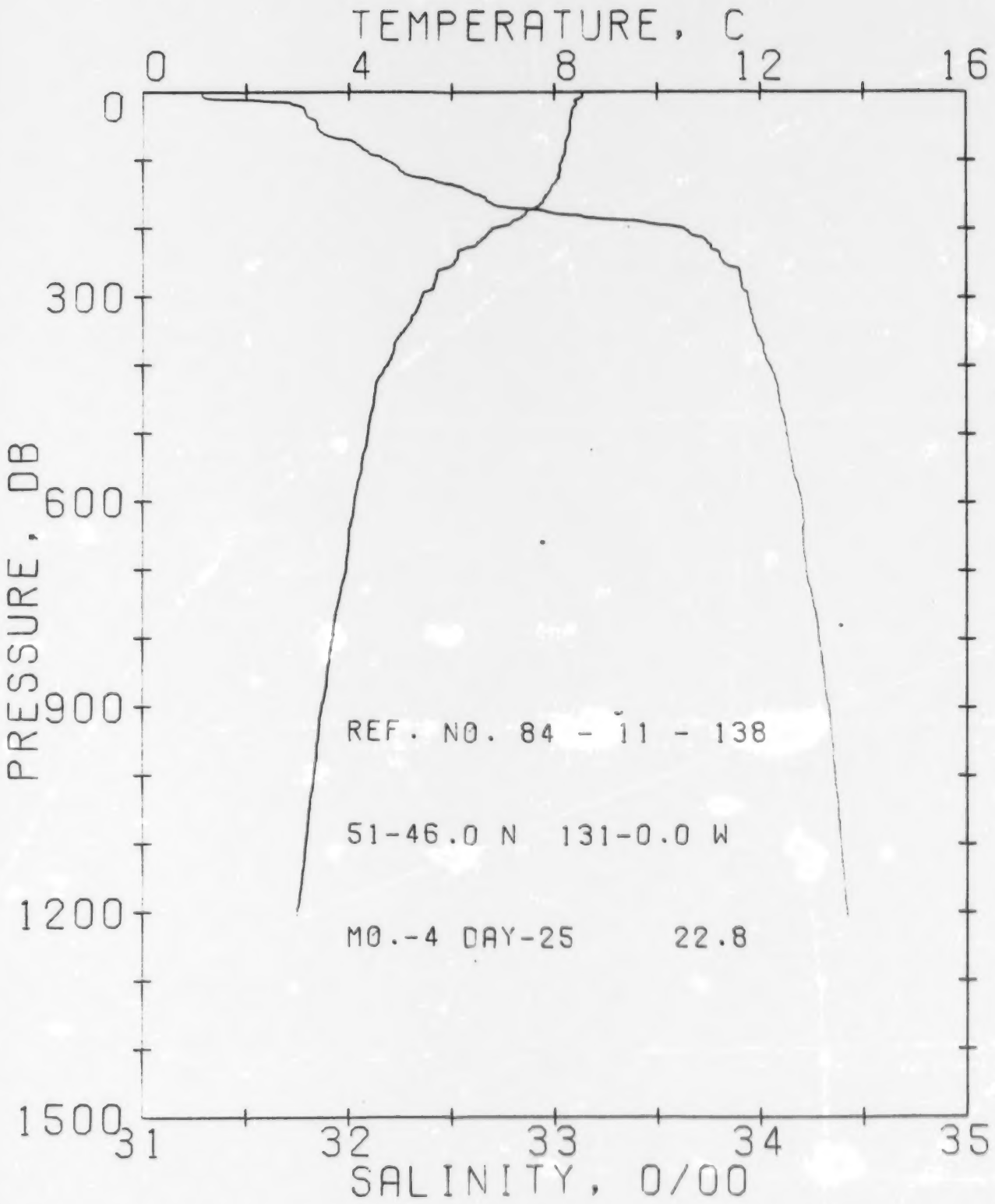
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-136 DATE 25/ 4/84
POSITION 52-12.8N, 131-32.0W GMT 19.2 STATION QC 4
RESULTS OF STP CAST 805 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.21	32.04	0	24.95	301.7	.00	.00	1480.
10	8.21	32.04	10	24.95	302.0	.30	.02	1480.
20	8.12	32.04	20	24.96	300.9	.60	.06	1480.
30	8.08	32.05	30	24.97	299.7	.90	.14	1480.
50	8.08	32.07	50	24.99	298.7	1.50	.38	1480.
75	8.09	32.08	75	25.00	297.9	2.25	.86	1481.
100	8.05	32.18	99	25.08	290.3	2.98	1.51	1481.
125	7.97	32.35	124	25.22	277.2	3.69	2.32	1481.
150	7.93	32.61	149	25.43	258.0	4.36	3.26	1482.
175	7.89	33.02	174	25.76	227.5	4.96	4.25	1483.
200	7.43	33.47	199	26.17	188.1	5.46	5.20	1482.
225	6.74	33.74	224	26.48	158.9	5.89	6.14	1480.
250	6.10	33.86	248	26.66	142.1	6.27	7.05	1478.
300	5.68	33.93	298	26.77	132.3	6.95	8.96	1477.
400	4.76	34.02	397	26.95	115.4	8.18	13.32	1475.
500	4.35	34.09	496	27.05	106.5	9.29	18.40	1475.
600	3.95	34.19	595	27.17	96.0	10.30	24.07	1475.
800	3.52	34.30	793	27.30	84.3	12.10	36.87	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 137
52-14.0 N 131-29.1 W
MO.-4 DAY-25 19.8
31
32
33
34
35
SALINITY, O/OO

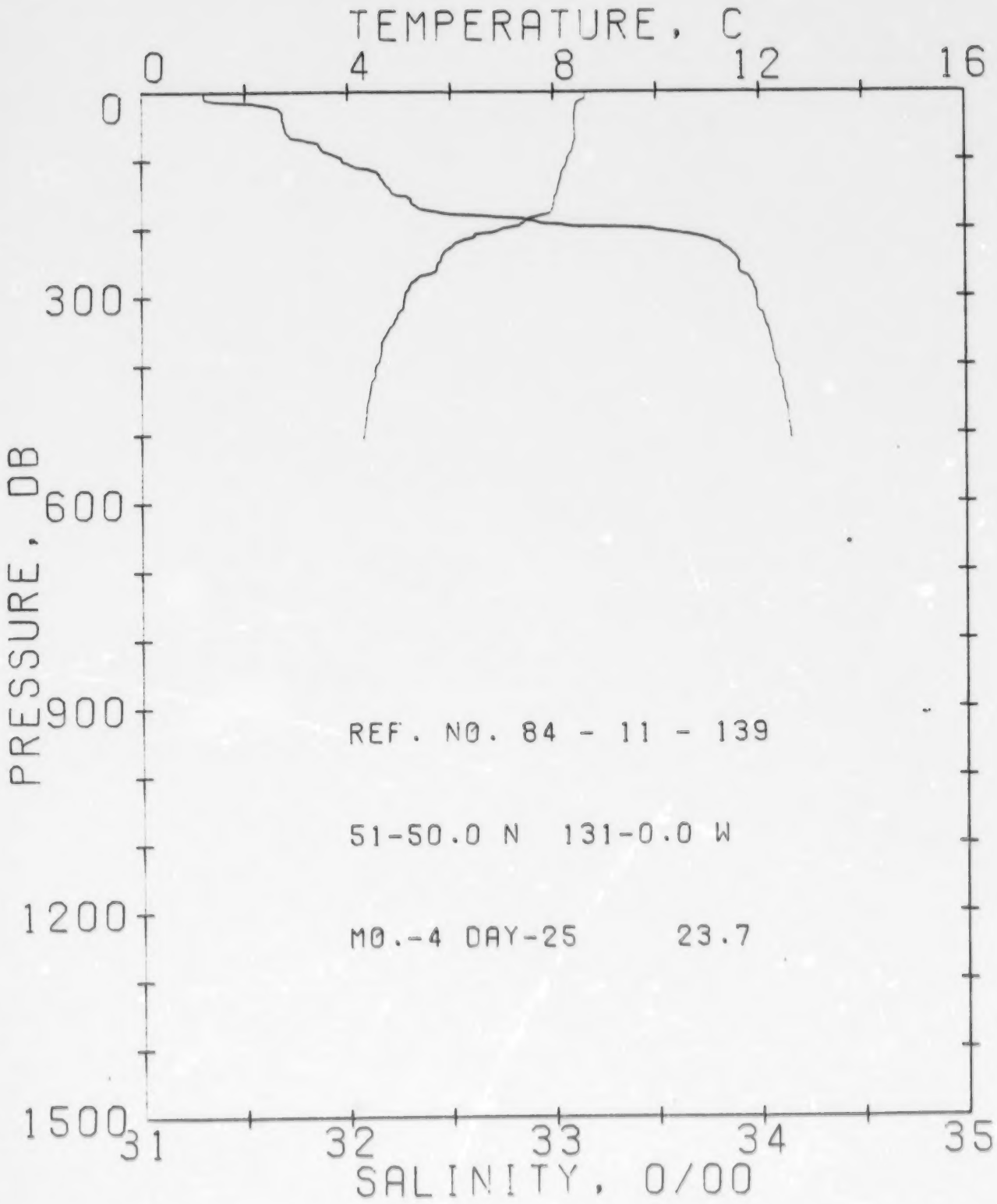
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-137 DATE 25/ 4/84
POSITION 52-14.0N, 131-29.1W GMT 19.8 STATION QC 3
RESULTS OF STP CAST 357 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.47	31.94	0	24.83	312.9	.00	.00	1481.
10	8.34	31.97	10	24.87	309.0	.31	.02	1480.
20	8.28	32.02	20	24.92	304.1	.62	.06	1480.
30	8.11	32.04	30	24.96	301.1	.92	.14	1480.
50	8.08	32.06	50	24.98	299.2	1.52	.38	1480.
75	8.08	32.07	75	24.99	298.8	2.27	.86	1481.
100	8.07	32.17	99	25.07	291.8	3.01	1.52	1481.
125	7.98	32.32	124	25.20	279.3	3.72	2.34	1481.
150	7.83	32.48	149	25.35	265.7	4.41	3.30	1481.
175	7.28	33.03	174	25.86	217.8	5.02	4.30	1480.
200	6.63	33.61	199	26.40	166.4	5.51	5.24	1479.
225	6.51	33.80	224	26.56	151.1	5.90	6.09	1479.
250	6.32	33.85	248	26.62	145.8	6.27	6.99	1479.
300	5.60	33.92	298	26.77	131.6	6.96	8.91	1477.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 138
51-46.0 N 131-0.0 W
MO.-4 DAY-25 22.8
31
32
33
34
35
SALINITY, O/OO

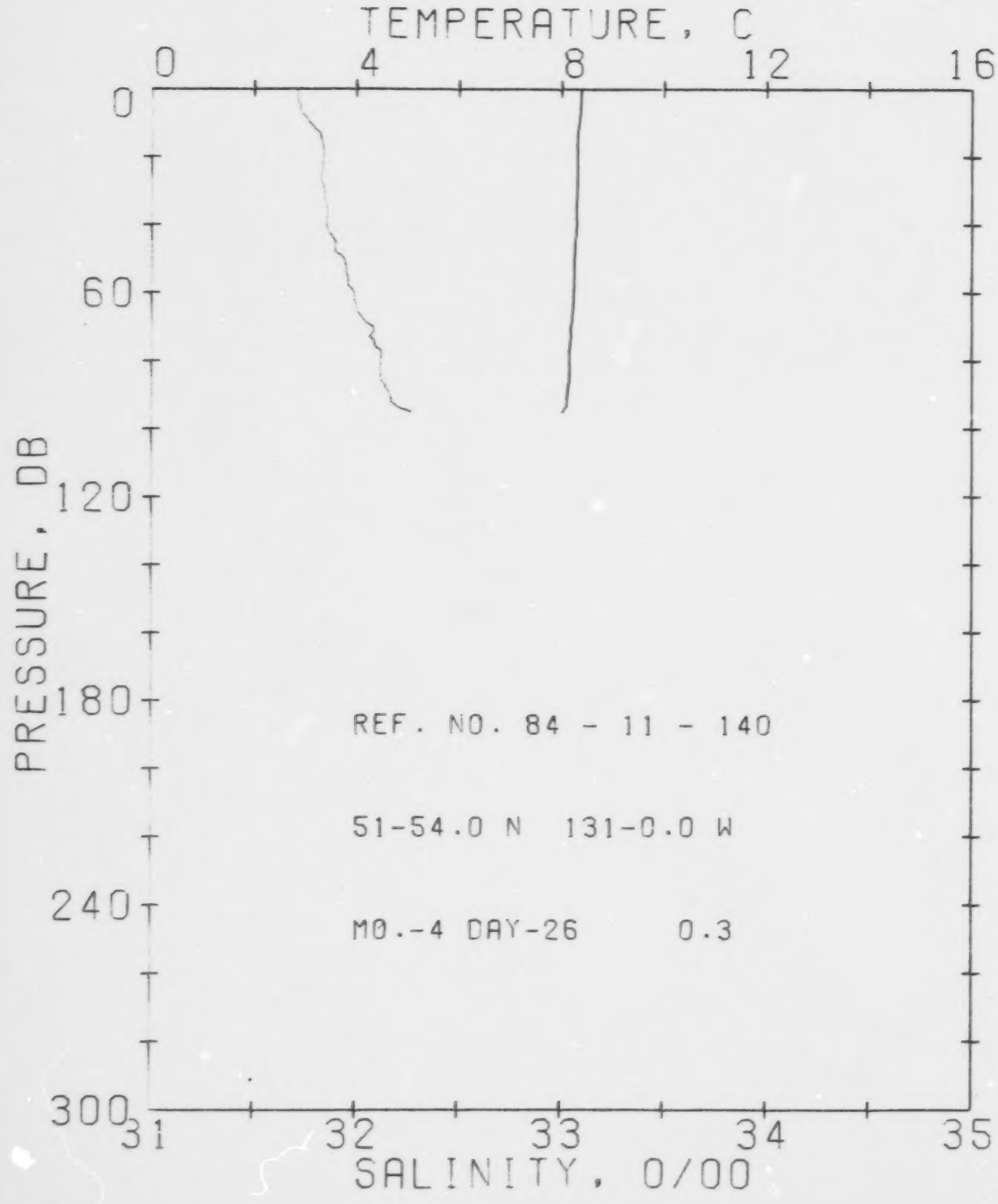
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-138 DATE 25/ 4/84
POSITION 51-46.0N, 131- .0W GMT 22.8 STATION K 3
RESULTS OF STP CAST 1205 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.56	31.29	0	24.31	362.4	.00	.00	1480.
10	8.49	31.32	10	24.34	359.6	.36	.02	1480.
20	8.41	31.76	20	24.70	325.6	.70	.07	1481.
30	8.35	31.79	30	24.73	322.9	1.02	.15	1481.
50	8.31	31.85	50	24.78	318.2	1.66	.41	1481.
75	8.23	32.03	75	24.94	303.6	2.44	.91	1481.
100	8.16	32.18	99	25.06	292.0	3.19	1.58	1481.
125	8.10	32.33	124	25.19	280.4	3.91	2.40	1482.
150	7.85	32.64	149	25.47	254.1	4.57	3.33	1482.
175	7.46	32.97	174	25.78	224.8	5.18	4.34	1481.
200	6.80	33.64	199	26.40	166.8	5.67	5.26	1480.
225	6.40	33.76	224	26.55	152.4	6.07	6.13	1479.
250	6.06	33.82	248	26.64	144.2	6.44	7.02	1478.
300	5.43	33.94	298	26.81	128.2	7.10	8.89	1476.
400	4.75	34.05	397	26.97	113.2	8.32	13.19	1475.
500	4.38	34.13	496	27.07	104.3	9.39	18.12	1475.
600	4.11	34.20	595	27.16	96.8	10.40	23.76	1476.
800	3.69	34.28	793	27.27	87.6	12.26	36.98	1478.
1000	3.32	34.36	990	27.37	79.0	13.91	52.14	1480.
1200	3.00	34.42	1188	27.44	72.4	15.43	69.12	1482.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 84 - 11 - 139
51-50.0 N 131-0.0 W
MO.-4 DAY-25 23.7
31
32
33
34
35
SALINITY, O/OO

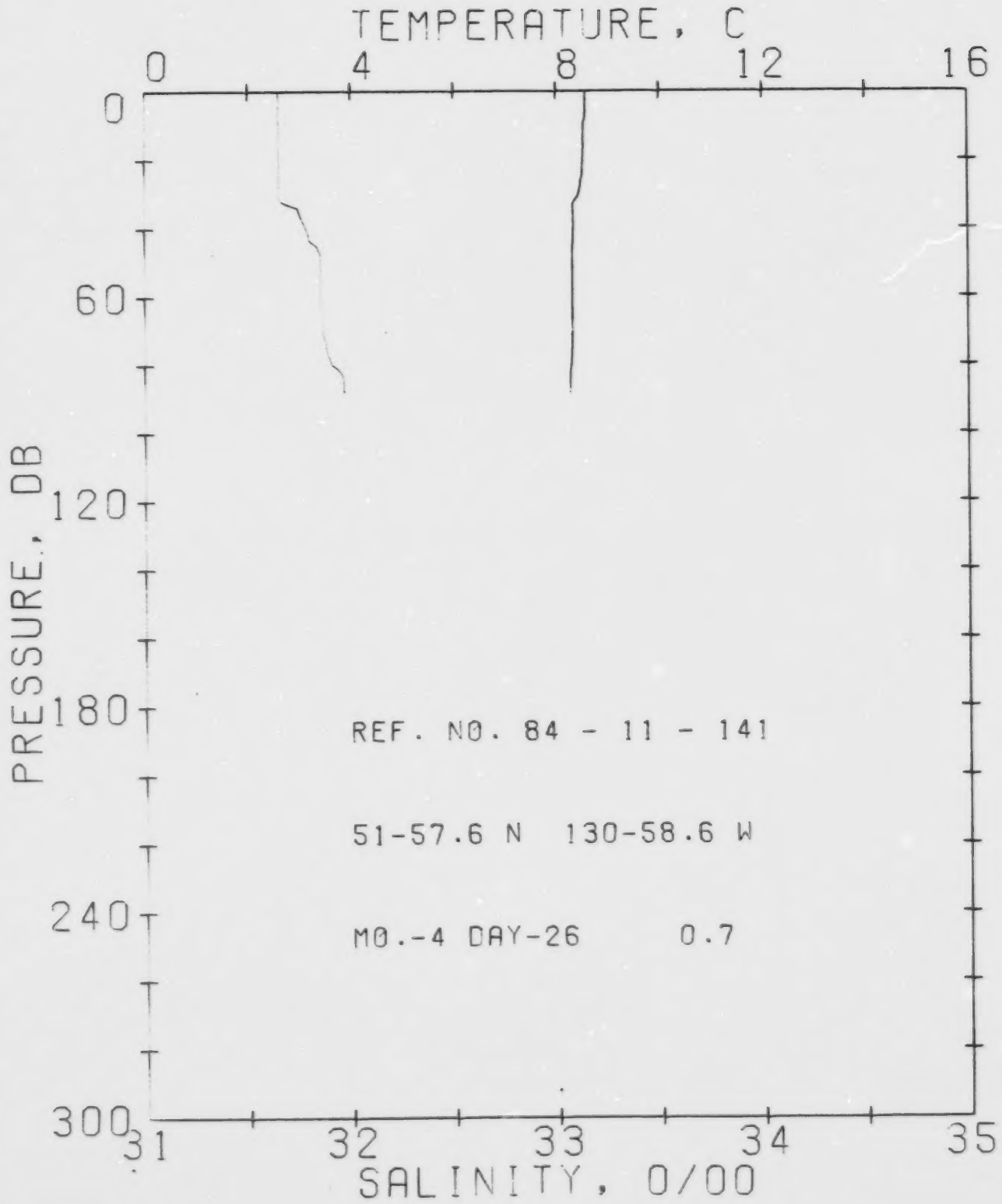
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-139 DATE 25/ 4/84
POSITION 51-50.0N, 131- .0W GMT 23.7 STATION K 2
RESULTS OF STP CAST 507 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.63	31.30	0	24.31	362.5	.00	.00	1481.
10	8.63	31.30	10	24.31	362.5	.36	.02	1481.
20	8.44	31.62	20	24.59	336.3	.71	.07	1481.
30	8.42	31.69	30	24.64	331.4	1.04	.16	1481.
50	8.42	31.69	50	24.64	331.3	1.71	.43	1481.
75	8.39	31.86	75	24.78	318.6	2.53	.95	1482.
100	8.27	31.97	99	24.88	309.2	3.31	1.65	1482.
125	8.15	32.16	124	25.05	293.8	4.07	2.51	1482.
150	8.06	32.24	149	25.12	287.3	4.79	3.53	1482.
175	7.93	32.45	174	25.31	270.1	5.49	4.69	1482.
200	6.97	33.49	199	26.26	179.9	6.07	5.79	1480.
225	6.03	33.83	224	26.65	143.2	6.46	6.63	1477.
250	5.75	33.90	248	26.74	134.3	6.81	7.47	1477.
300	5.10	33.99	298	26.88	120.9	7.44	9.24	1475.
400	4.55	34.09	397	27.03	108.2	8.58	13.31	1474.
500	4.30	34.15	496	27.10	101.6	9.63	18.09	1475.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 140
51-54.0 N 131-0.0 W
M0.-4 DAY-26 0.3
31
32
33
34
35
SALINITY, 0/00

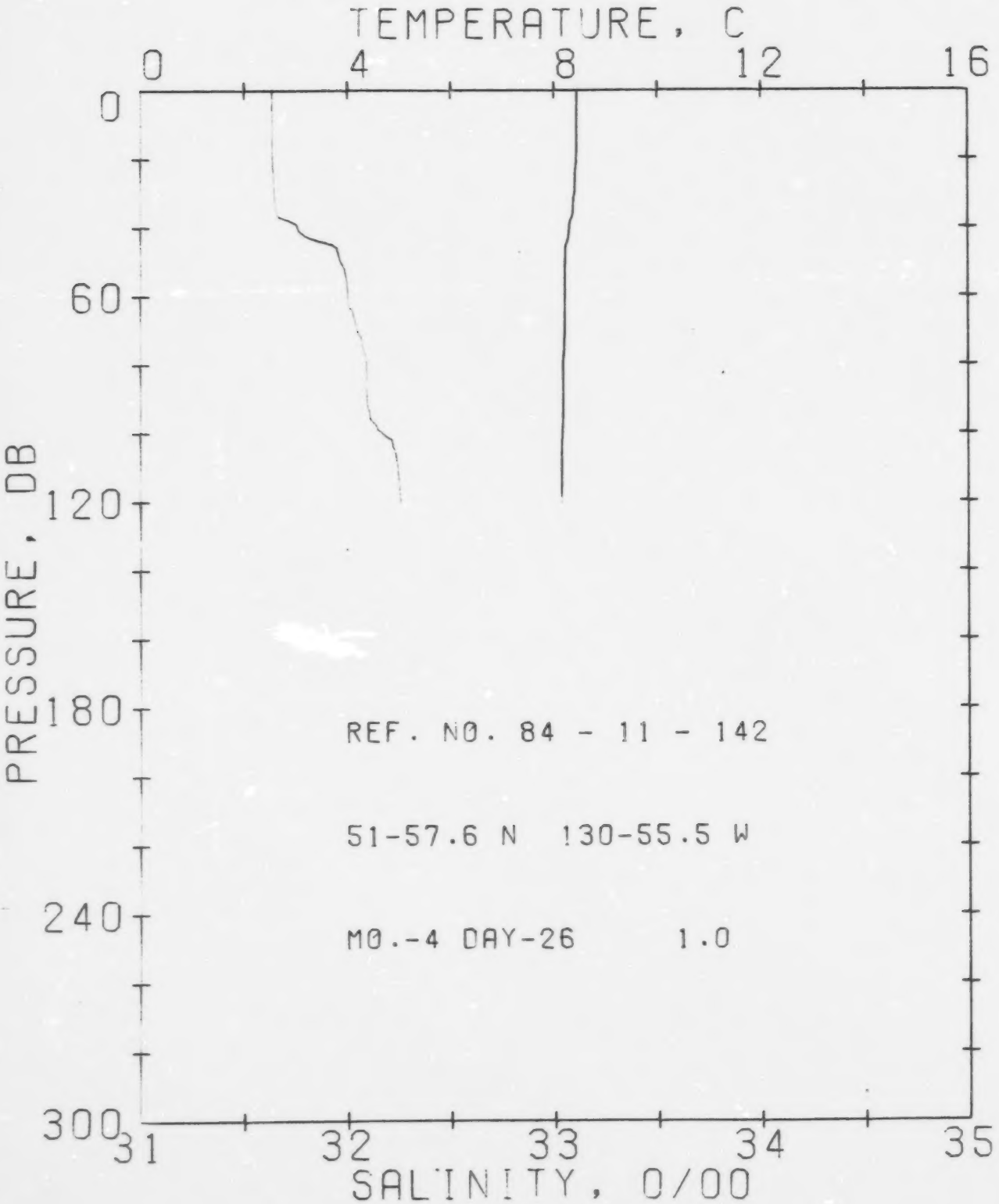
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-140 DATE 26/ 4/84
POSITION 51-54.0N, 131- .0W GMT .3 STATION K 1
RESULTS OF STP CAST 96 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.38	31.71	0	24.67	328.4	.00	.00	1480.
10	8.34	31.78	10	24.72	323.5	.33	.02	1480.
20	8.31	31.84	20	24.77	318.6	.65	.07	1480.
30	8.31	31.84	30	24.78	318.3	.97	.15	1481.
50	8.26	31.94	50	24.86	310.5	1.60	.40	1481.
75	8.18	32.09	75	24.99	298.9	2.36	.89	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 141
51-57.6 N 130-58.6 W
MO.-4 DAY-26 0.7
31
32
33
34
35
SALINITY, O/OO

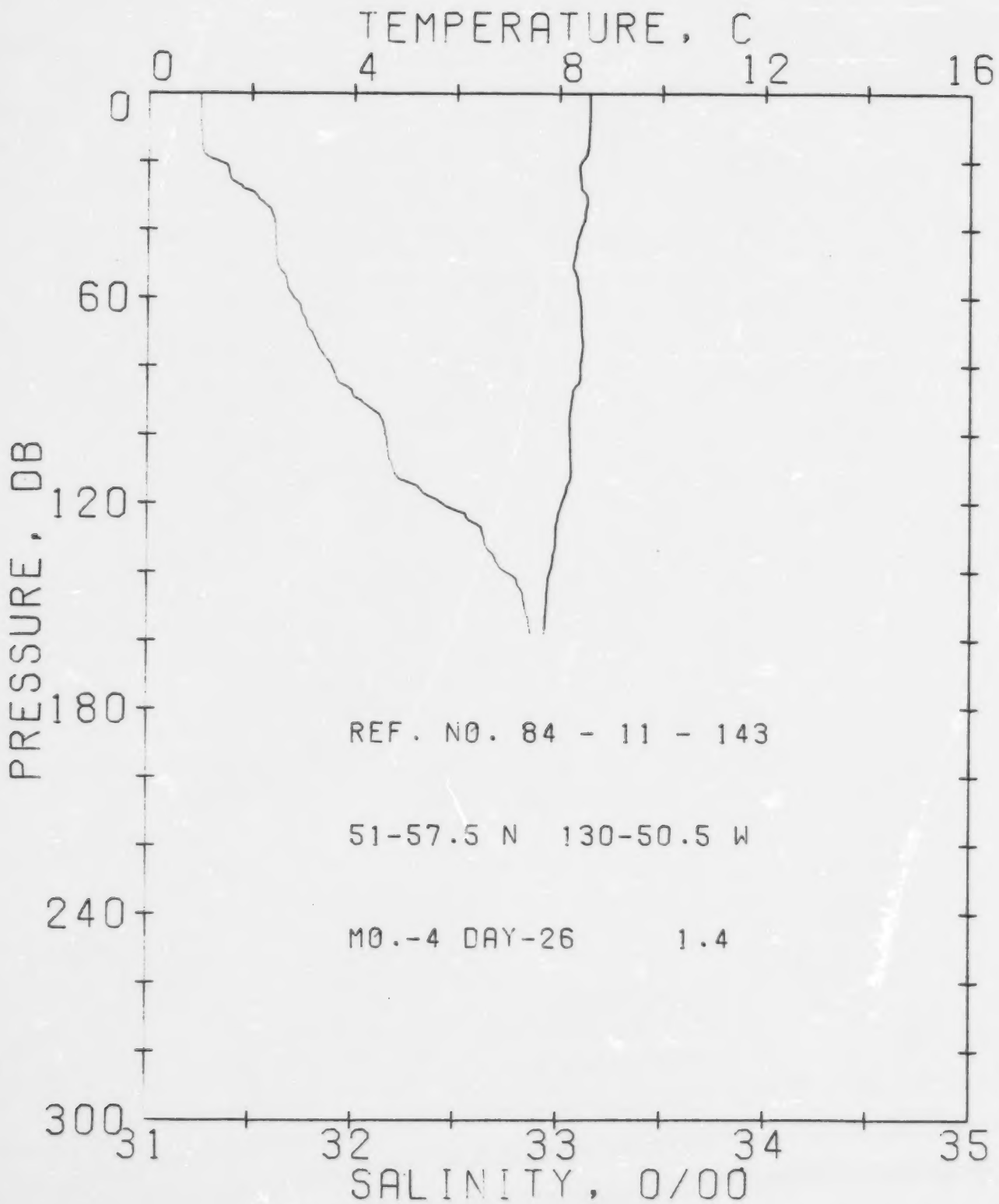
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-141 DATE 26/ 4/84
POSITION 51-57.6N, 130-58.6W GMT .7 STATION M 19
RESULTS OF STP CAST 89 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.58	31.65	0	24.59	335.9	.00	.00	1481.
10	8.55	31.65	10	24.59	335.7	.34	.02	1481.
20	8.53	31.65	20	24.60	335.4	.67	.07	1481.
30	8.45	31.65	30	24.61	334.7	1.01	.15	1481.
50	8.32	31.85	50	24.78	318.0	1.65	.42	1481.
75	8.31	31.88	75	24.81	315.9	2.45	.92	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 142
51-57.6 N 130-55.5 W
MO.-4 DAY-26 1.0
31
32
33
34
35
SALINITY, O/OO

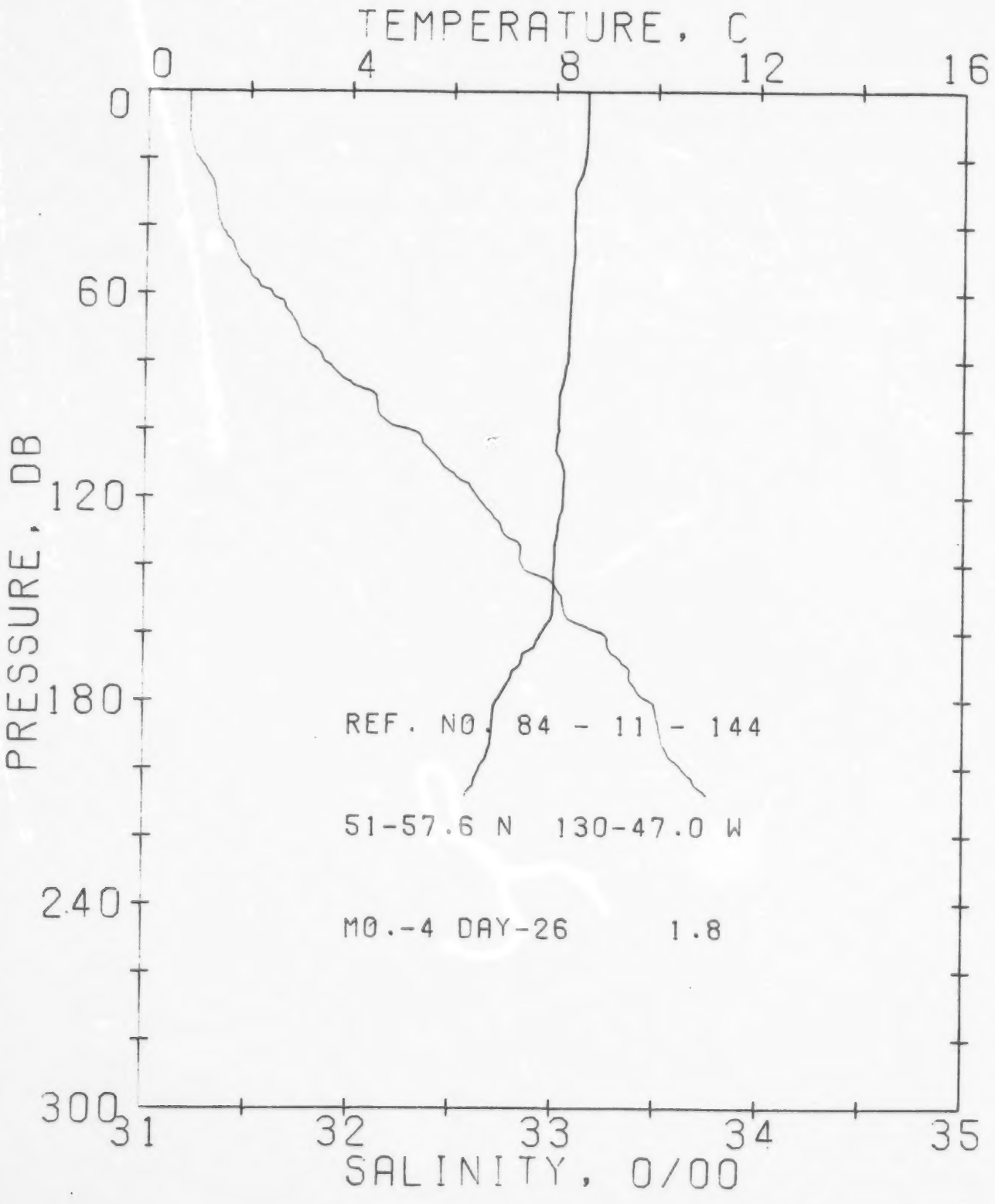
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-142 DATE 26/ 4/84
POSITION 51-57.6N, 130-55.5W GMT 1.0 STATION M 18
RESULTS OF STP CAST 121 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.45	31.64	0	24.60	335.1	.00	.00	1480.
10	8.45	31.64	10	24.60	335.2	.34	.02	1480.
20	8.44	31.64	20	24.60	335.3	.67	.07	1481.
30	8.41	31.64	30	24.61	334.4	1.01	.15	1481.
50	8.22	31.97	50	24.89	308.0	1.65	.42	1481.
75	8.20	32.07	75	24.97	300.2	2.41	.90	1481.
100	8.16	32.17	99	25.05	293.0	3.16	1.56	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 143
51-57.5 N 130-50.5 W
MO.-4 DAY-26 1.4
31
32
33
34
35
SALINITY, O/OO

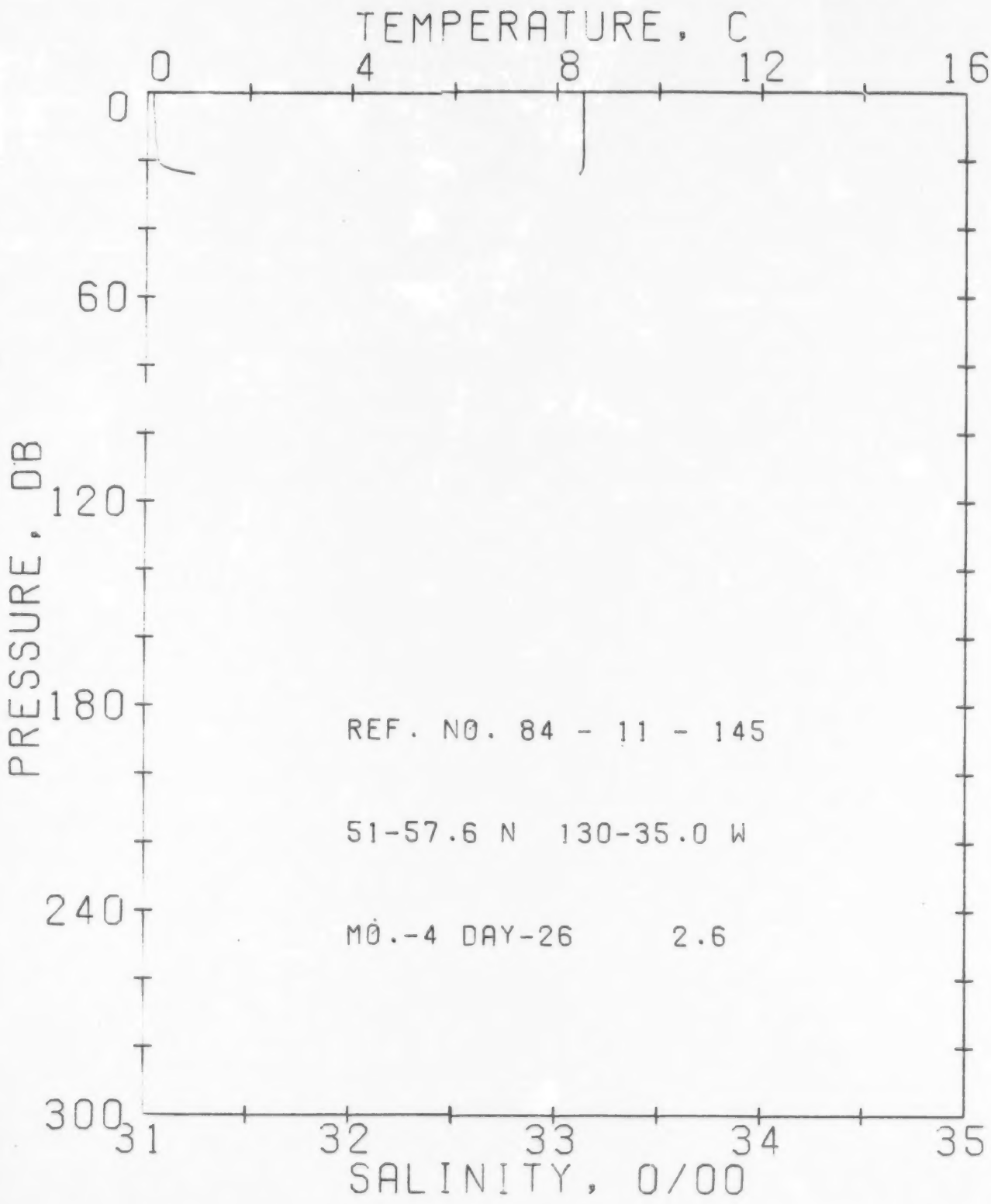
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-143 DATE 26/ 4/84
POSITION 51-57.5N, 130-50.5W GMT 1.4 STATION M 17
RESULTS OF STP CAST 159 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.59	31.25	0	24.28	365.5	.00	.00	1480.
10	8.59	31.26	10	24.28	365.5	.37	.02	1480.
20	8.42	31.34	20	24.37	356.9	.73	.07	1480.
30	8.53	31.53	30	24.50	344.5	1.08	.16	1481.
50	8.27	31.63	50	24.62	333.8	1.76	.44	1480.
75	8.46	31.84	75	24.75	321.6	2.58	.96	1482.
100	8.21	32.16	99	25.04	294.7	3.34	1.64	1482.
125	7.99	32.56	124	25.39	261.5	4.05	2.46	1482.
150	7.77	32.84	149	25.63	238.7	4.68	3.33	1482.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 144
51-57.6 N 130-47.0 W
MO.-4 DAY-26 1.8
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-144 DATE 26/ 4/84
POSITION 51-57.6N, 130-47.0W GMT 1.8 STATION M16A
RESULTS OF STP CAST 209 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.62	31.21	0	24.23	369.6	.00	.00	1480.
10	8.62	31.20	10	24.23	369.8	.37	.02	1481.
20	8.58	31.25	20	24.28	365.8	.74	.08	1481.
30	8.37	31.33	30	24.37	357.2	1.10	.17	1480.
50	8.37	31.46	50	24.47	348.2	1.81	.46	1481.
75	8.28	31.80	75	24.75	321.7	2.64	.99	1481.
100	8.10	32.29	99	25.16	282.9	3.40	1.66	1481.
125	8.13	32.70	124	25.48	253.2	4.07	2.43	1482.
150	7.99	33.04	149	25.76	226.5	4.67	3.27	1483.
175	7.10	33.39	174	26.16	189.0	5.19	4.12	1480.
200	6.57	33.63	199	26.42	164.5	5.63	4.97	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 84 - 11 - 145
51-57.6 N 130-35.0 W
MO.-4 DAY-26 2.6
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84-11-145 DATE 26/ 4/84
POSITION 51-57.6N, 130-35.0W GMT 2.6 STATION M 16
RESULTS OF STP CAST 25 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	8.52	31.03	0	24.11	381.0	.00	.00	1480.
10	8.52	31.04	10	24.12	380.9	.38	.02	1480.
20	8.53	31.06	20	24.13	379.6	.76	.08	1480.

PRES	DEPTH	TEMP	SAL	PRES	DEPTH	TEMP	SAL
0.		8.52	31.03	13.		8.52	31.04
1.		8.52	31.03	14.		8.52	31.04
2.		8.52	31.03	15.		8.52	31.05
3.		8.52	31.03	16.		8.52	31.05
4.		8.52	31.03	17.		8.52	31.05
5.		8.52	31.03	18.		8.53	31.05
6.		8.52	31.04	19.		8.53	31.04
7.		8.52	31.04	20.		8.53	31.06
8.		8.52	31.03	21.		8.52	31.07
9.		8.52	31.04	22.		8.52	31.09
10.		8.52	31.04	23.		8.50	31.14
11.		8.52	31.04	24.		8.46	31.23
12.		8.52	31.04				

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 11- 1 DATE 11/ 4/84 GMT 1.7
POSITION 52-22.4 N, 131- 6.0 W STATION M012
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.651
10			6.644
20			6.542
30			6.538
50			6.504
75			6.092
100			5.898

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 11- 2 DATE 11/ 4/84 GMT 3.0
POSITION 52-24.0 N, 130-56.0 W STATION M011
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.679
10			6.652
20			6.627
30			6.661
50			6.658
75			6.323
100			4.915

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 11- 5 DATE 11/ 4/84 GMT 6.1
POSITION 52-28.5 N, 130-29.0 W STATION M008
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.707
10			6.659
20			6.765
30			6.654
50			6.659
75			6.538
100			5.954
125			5.419
150			3.754
160			3.571

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 11- 7 DATE 11/ 4/84 GMT 7.7
POSITION 52-31.4 N, 130-11.0 W STATION M006
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.816
20			6.556
30			6.585
50			6.569
75			6.539
100			5.988
125			5.289
150			4.532
175			3.797
200			3.450
250			2.202

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 11- 9 DATE 11/ 4/84 GMT 9.5
POSITION 52-33.8 N, 129-56.6 W STATION M004
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.217
10			6.544
20			6.464
30			6.534
50			6.616
75			6.634
100			6.150
125			5.518
150			4.984
175			4.344
200			3.210
240			2.589

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 11- 10 DATE 11/ 4/84 GMT 10.6
POSITION 52-35.4 N, 129-47.3 W STATION M003
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.671
20			6.401
30			6.544
50			6.628
75			6.591
100			6.589
125			5.818
150			4.712

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 11- 11 DATE 11/ 4/84 GMT 12.2
POSITION 52-36.9 N, 129-37.9 W STATION M002
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.368
20			6.666
30			6.657
50			6.519
75			6.098
100			6.313
125			5.912
150			4.518

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 11-125 DATE 25/ 4/84 GMT 6.1
POSITION 52- .0 N, 131-14.0 W STATION J001
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0	8.50	31.960	6.906
10	8.50	31.957	6.995
20	8.20	32.004	6.835
30	8.14	32.022	6.895
51	8.11	32.029	6.795
76	8.09	32.040	6.746
101	8.06	32.161	6.632
125	7.88	32.477	6.050
150	7.56	33.015	4.863
175	7.18	33.384	3.904
199	6.35	33.670	3.030
249	5.88	33.826	2.600
299	5.54	33.915	2.106
350	5.11	33.982	1.874

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 11-128 DATE 25/ 4/84 GMT 9.4
POSITION 51-51.6 N, 131-32.0 W STATION J002
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0	8.59	31.704	6.836
10	8.59	31.705	
20	8.51	31.[illegible]	6.845
30	8.48	31.[illegible]	6.717
50	8.24	32.197	6.698
75	8.21	32.314	6.640
100	8.19	32.320	6.620
150	7.82	33.349	3.891
200	6.93	33.847	3.286
300	5.80	33.942	2.697
400	5.01	33.993	1.587
501	4.51	34.079	.617
601	4.16	34.159	.688
800	3.66	34.294	.431
999	3.26	34.397	.676
1197	2.80	34.433	.683

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 84- 11-131 DATE 25/ 4/84 GMT 13.1
POSITION 51-43.5 N, 131-50.0 W STATION J003
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0	8.10	32.084	6.851
10	8.10	32.089	6.765
19	8.14	32.084	
29	8.12	32.090	6.744
49	8.13	32.092	6.764
73	8.11	32.164	6.642
97	8.07	32.425	6.264
146	7.27	33.463	3.807
195	6.84	33.864	3.324
293	5.87	33.920	2.399
390	5.15	34.002	1.828
487	4.66	34.052	1.171
583	4.22	34.186	1.081
770	3.61	34.260	.665
949	3.30	34.336	.456
1118	2.91	34.420	.590